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ABSTRACT

The resumes in this document cover a broad range of fields and occupations and are arranged in ascending order according to an accession (VT) number. Each resume includes the following information: Author(s), title, institutional source, sponsoring agency, availability, publication date, number of pages, subject terms which characterize the contents of the doucment, and a document abstract, author, subject, and VT-ED number cross reference indexes are provided. Instructions are given for ordering the original full text of documents cited or full text reproductions. (Author/RG)

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ED130141

AGRICULTURAL EDUCATION INSTRUCTIONAL MATERIALS

from

Abstracts of Instructional and Research Materials in Vocational and Technical Education

1972-1975

compiled by
Willie H. Thomas

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

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VT-103-249

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FOREWORD

Instructional materials specific to the field of agricultural education have been compiled for this publication. These items, in the form of abstracts, are selections from Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM). This is the second edition of this series and it presents abstracts which have appeared in AIM/ARM since 1972. The first edition is available in the ERIC microfiche collection as ED 062 571.

Other publications in this series include compilations of abstracts of instructional materials for business and office education, distributive education, health occupations education, home economics education, industrial arts education, and trade and industrial education. Administrators, teachers and others may use this publication to identify and obtain instructional materials for use in agricultural education programs. Researchers and curriculum developers may use this publication as the baseline on which to develop new materials.

Members of the profession are encouraged to forward instructional materials for possible inclusion in future issues of AIM/ARM. We are indebted to our colleagues in agricultural education for providing us instructional materials for past issues of AIM/ARM. We also appreciate the contributions of instructional materials laboratories, curriculum management centers, research coordinating units, local school systems and professional associations.

The profession is indebted to Willie H. Thomas of The Ohio State University who compiled this publication. He exercised his judgment in selecting materials from AIM/ARM which would be useful in agricultural education programs.

We hope that this publication will prove valuable to you in your educational endeavors.

Robert E. Taylor
Director
The Center for Vocational
Education

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SAMPLE ABSTRACT

Accession number sequentially assigned to documents as they are processed.	VT 100 000	
Author(s).	RICHARDS, F.L.	
	OUTLINES OF COURSES IN ORNAMENTAL HORTICULTURE.	Title.
	PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK. DEPARTMENT OF AGRICULTURAL EDUCATION.	Organization where document originated.
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Date published and number of pages.	PUB DATE - 71 56P.	
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Informative condensation of document content.	ABSTRACT - INTENDED TO SUGGEST SUBJECT MATTER CONTENT OF COURSES OR PROGRAMS IN ORNAMENTAL HORTICULTURE FOR HIGH SCHOOL AND POST-SECONDARY VOCATIONAL-TECHNICAL PROGRAMS, THIS CURRICULUM GUIDE WAS PREPARED BY STAFF MEMBERS OF THE AGRICULTURAL EDUCATION DEPARTMENT AT THE PENNSYLVANIA STATE UNIVERSITY AND TESTED IN A WORKSHOP WITH VOCATIONAL AGRICULTURE TEACHERS. CONTENTS ARE: (1) OUTLINES OF COURSES IN ORNAMENTAL HORTICULTURE, (2) ORNAMENTAL HORTICULTURE PROGRAMS FOR GRADES 10, 11, AND 12, (3) NURSERY PRODUCTION . . . THE CONTENT IS PRESENTED IN OUTLINE FORM UNDER EACH TOPIC AND IS APPLICABLE TO THE UNITED STATES AND LOWER CANADA. (GB)	Abstractor's initials.

USING THIS PUBLICATION

Instructional materials for agricultural education that have appeared in Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) between 1972 and 1975 are presented in this single volume for your convenience.

An abstract presents information about a document's content to help you to decide if you want to read the full text of the document. It also provides information about the document's author, source, and availability. Abstracts are arranged in ascending VT-number order. A sample asbstract is explained in detail.

The indexes help you to locate page numbers and VT numbers of abstracts by subject and author. Index terms used in the subject index are ERIC descriptors and additional identifiers. Author and institution names appear in the author index.

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VT 010 344
INSTRUCTIONAL UNITS ON AGRICULTURAL MARKETING PRINCIPLES; A DEVELOPMENTAL RESEARCH PROJECT OF THE DEPARTMENT OF AGRICULTURAL EDUCATION.

ARIZONA AGRICULTURAL EXPERIMENT STATION, TUCSON.
MF AVAILABLE IN VT-ERIC SET.
DEPARTMENT OF AGRICULTURAL EDUCATION, COLLEGE OF AGRICULTURE, UNIVERSITY OF ARIZONA, TUCSON, ARIZONA 85721
PUB DATE - AUG69 105P.

DESCRIPTORS - *TEACHING GUIDES; *VOCATIONAL AGRICULTURE; *MARKETING; *ECONOMICS; SECONDARY GRADES; COURSE OBJECTIVES; COURSE CONTENT; CHARTS; GRAPHS; TABLES; INSTRUCTIONAL MATERIALS

ABSTRACT - PILOT-TESTED IN FIVE VOCATIONAL AGRICULTURE CLASSES, THESE UNITS MAY BE USED BY VOCATIONAL AGRICULTURE INSTRUCTORS IN TEACHING THE APPLICATION TO AGRICULTURE OF THE FOLLOWING BASIC MARKETING PRINCIPLES: (1) MARKETING, (2) DEMAND, (3) SUPPLY, (4) ELASTICITY OF SUPPLY AND DEMAND, AND (5) PRICE DETERMINATION. THE UNITS, DESIGNED TO ENCOURAGE THE DISCOVERY APPROACH TO LEARNING, INCLUDE: (1) UNIT OBJECTIVES, (2) INTRODUCTION, (3) TEACHING-LEARNING ACTIVITIES, (4) ASSOCIATION OF EXAMPLES, (5) FORMULATION OF PRINCIPLE, AND (6) STUDENT ACTIVITIES. NUMEROUS CHARTS, TABLES, AND SCHEDULES ARE INCLUDED. (GB)|

VT 011 882
BUSINESS PRACTICES FOR AGRICULTURAL MACHINERY DEALERS.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
OHIO STATE DEPT. OF EDUCATION, COLUMBUS AGRICULTURAL EDUCATION SERVICE
MF AVAILABLE IN VT-ERIC SET.
AGDEX 931/10
OHIO VOCATIONAL AGRICULTURE, INSTRUCTIONAL MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($2.50)
PUB DATE - 69 373P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *AGRICULTURAL MACHINERY OCCUPATIONS; SECONDARY GRADES; *WORK EXPERIENCE PROGRAMS; OFF FARM AGRICULTURAL OCCUPATIONS; COURSE CONTENT; JOB TRAINING; WORK EXPERIENCE; MANUALS; SALESMANSHIP; MANAGEMENT EDUCATION; *STUDY GUIDES; *AGRIBUSINESS

ABSTRACT - PREPARED BY THE AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE AT THE OHIO STATE UNIVERSITY, THESE STUDENT MANUALS WERE DEVELOPED FOR AGRICULTURE STUDENTS WHO ARE GAINING WORK EXPERIENCE IN LOCAL FARM MACHINERY DEALERSHIPS. THE FARM MANUALS INCLUDE PARTS CATALOGS AND PRICE LISTS AND SUGGEST STUDENT ACTIVITIES IN RELATION TO THE (1) PARTS DEPARTMENT, (2) SHOP SERVICE, AND (3) EQUIPMENT SALES. THE MANUAL ON THE PARTS DEPARTMENT DISCUSSES THE ROLE OF THE PARTS MANAGER AND INVENTORY CONTROL. LEARNING ACTIVITIES IN THE SHOP SERVICE MANUAL INCLUDE: GENERAL CONSIDERATIONS FOR SALES, PRODUCT KNOWLEDGE, SALES RECORDS, AND TRADE AGREEMENTS. THE TEACHER'S MANUAL IS AVAILABLE AS VT 011 928 IN THIS ISSUE. (JS)|

VT 011 928
BUSINESS PRACTICES FOR AGRICULTURAL MACHINERY DEALERS; TEACHER'S GUIDE.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
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OHIO VOCATIONAL AGRICULTURE INSTRUCTIONAL MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($1.50).
PUB DATE - 69 49P.

DESCRIPTORS - *TEACHING GUIDES; *VOCATIONAL AGRICULTURE;

*AGRICULTURAL MACHINERY OCCUPATIONS; SECONDARY GRADES; *WORK EXPERIENCE PROGRAMS; *OFF FARM AGRICULTURAL OCCUPATIONS; COURSE CONTENT; EDUCATIONAL PROGRAMS; JOB TRAINING; WORK EXPERIENCE

ABSTRACT - PREPARED BY THE AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE AT THE OHIO STATE UNIVERSITY AND INTENDED FOR VOCATIONAL AGRICULTURE TEACHERS OF STUDENTS IN CLASSES WHO ARE GAINING WORK EXPERIENCE IN LOCAL FARM MACHINERY DEALERSHIPS, THIS TEACHING GUIDE PROVIDES INFORMATION FOR THE TEACHER IN PRESENTING THE MATERIAL IN THE STUDENT STUDY GUIDES. THE STUDENT STUDY GUIDES HAVE BEEN PREPARED FOR INDIVIDUAL STUDY DURING THE TIME ALLOTTED FOR CLASSROOM INSTRUCTION. TO OFFER FLEXIBILITY IN THE INDIVIDUAL STUDY, THE WORK IS IN FOUR DIFFERENT MANUALS OR SECTIONS. THE SECTIONS ARE: (1) INTRODUCTION, INCLUDING THE SUPPLEMENT OF PARTS CATALOGUES AND PRICE LISTS, (2) THE PARTS DEPARTMENT, (3) THE SERVICE SHOP, AND (4) EQUIPMENT SALES. THIS DOCUMENT IS A REVISION OF VT 007 714 (AIM SPRING 1969) AND MUST BE USED WITH THE STUDENT STUDY GUIDE, AVAILABLE AS VT 011 882, IN THIS ISSUE. (GB)|

VT 012 581
A CAREER IN LABORATORY ANIMAL SCIENCE AND TECHNOLOGY.

AMERICAN ASSOCIATION FOR LAB. ANIMAL SCIENCE, JOLIET, ILL.
MF AVAILABLE IN VT-ERIC SET.
PUB-70-1
EXECUTIVE SECRETARY, AMERICAN ASSOCIATION FOR LABORATORY ANIMAL SCIENCE, P.O. BOX 10, JOLIET, ILLINOIS 60434 (25 OR FEWER COPIES AVAILABLE WITHOUT CHARGE).
PUB DATE - ND 3P.

DESCRIPTORS - *ANIMAL SCIENCE; *TECHNICAL EDUCATION; *AGRICULTURAL TECHNICIANS; *PAMPHLETS; *LABORATORY TECHNOLOGY; EDUCATIONAL OPPORTUNITIES; AGRICULTURAL EDUCATION; TECHNICAL OCCUPATIONS; HIGH SCHOOL STUDENTS

ABSTRACT - PREPARED FOR HIGH SCHOOL STUDENTS BY THE AMERICAN ASSOCIATION FOR LABORATORY ANIMAL SCIENCE, THIS BROCHURE INCLUDES A LISTING OF 21 COLLEGE PROGRAMS IN ANIMAL SCIENCE TECHNOLOGY AS WELL AS CAREER OPPORTUNITIES AND OTHER TRAINING PROGRAMS. INSTITUTIONAL ADDRESSES ARE GIVEN FOR 1-YEAR, 2-YEAR, AND 4-YEAR PROGRAMS. THE MAJORITY OF TECHNICIANS ARE NEEDED IN ANIMAL HUSBANDRY WHICH INCLUDES THE DAILY CARE, BREEDING, AND FEEDING OF THE MANY DIFFERENT KINDS OF ANIMALS USED IN LABORATORIES. ANIMAL LABORATORY TECHNOLOGY INVOLVES THE VARIOUS PROCEDURES USED IN ANIMAL CARE IN LABORATORY WORK SUCH AS GIVING INJECTIONS, TAKING SAMPLES OF BODY FLUIDS, AND OBSERVING THE REACTIONS OF ANIMALS TO TEST SITUATIONS. (GB)|

VT 012 685
GENERAL AG. MECHANICS (SPECIALIZED STUDY--11TH AND 12TH GRADES). STUDENT STUDY GUIDE, AGRICULTURAL MECHANICS.

ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. AGRICULTURAL EDUCATION SERVICE.
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VOCATIONAL AGRICULTURAL EDUCATION, FIELD OFFICE, 101 PETRIE HALL, AUBURN, ALABAMA 36820 ($1.00, IN LIMITED SUPPLY).
PUB DATE - ND 196P.

DESCRIPTORS - *STUDY GUIDES; *VOCATIONAL AGRICULTURE; *FARM MECHANICS (OCCUPATION); *OFF FARM AGRICULTURAL OCCUPATIONS; *WORKBOOKS; GRADE 11; GRADE 12; SECONDARY EDUCATION; VOCATIONAL EDUCATION; EXPERIENCE CHARTS
IDENTIFIERS - *AGRIBUSINESS

ABSTRACT - PREPARED FOR THE SECONDARY VOCATIONAL STUDENT INTERESTED IN FARM MECHANICS, THIS STUDY GUIDE BY THE AGRICULTURAL EDUCATION SERVICE OF THE ALABAMA STATE DEPARTMENT OF EDUCATION CONSISTS OF 57 JOB SHEETS, A STUDENT PROGRESS RECORD, ACTIVITIES, QUESTIONS TO ANSWER WITH SPACE PROVIDED FOR ANSWERS, REFERENCES, AND OCCASIONAL INFORMATION SHEETS. SOME OF THE TOPICS COVERED BY THE JOB SHEETS ARE: (1) GENERAL TOOL CARE, (2) WATER SUPPLY AND SEWAGE SYSTEMS, (3) BUILDING CONSTRUCTION AND REPAIR, (4) WELDING, AND (5) MACHINERY SET-UP AND REPAIR. IT IS RECOMMENDED THAT THE GUIDE BE USED WITH A 2-YEAR AGRIBUSINESS FARM MECHANICS COURSE WITH JOBS 1-28 TO BE COMPLETED DURING THE FIRST YEAR AND JOBS 29-56 DURING THE SECOND YEAR. (LM)|

VT 012 687
AGRIBUSINESS WOODWORKING (SPECIALIZED STUDY--11TH AND 12TH GRADES). STUDENT STUDY GUIDE, AGRICULTURAL MECHANICS.

ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. AGRICULTURAL EDUCATION SERVICE.
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VOCATIONAL AGRICULTURAL EDUCATION, FIELD OFFICE, 101 PETRIE HALL, AUBURN, ALABAMA 36830 (AVAILABLE IN LIMITED SUPPLY FOR $1.00).
PUB DATE - ND 152P.

DESCRIPTORS - *STUDY GUIDES; *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; GRADE 11; OFF FARM AGRICULTURAL OCCUPATIONS; GRADE 12; *WOODWORKING; FINISHING; HAND TOOLS; LUMBER INDUSTRY; CABINETMAKING
IDENTIFIERS - *AGRIBUSINESS

ABSTRACT - THIS STUDY GUIDE, DEVELOPED FOR 11TH AND 12TH GRADE STUDENTS, IS ORGANIZED INTO 66 JOBS AND INTENDED TO BE USED IN A 2-YEAR COURSE WITH JOBS 1-27 TO BE COMPLETED THE FIRST YEAR AND JOBS 28-66 THE SECOND YEAR. QUESTIONS TO ANSWER, SUGGESTED LEARNING ACTIVITIES, SKILLS TO PERFORM AND PROJECTS TO BUILD ARE PRESENTED. SEVEN BIBLIOGRAPHIC REFERENCES ARE CITED FOR USE IN STUDYING. TOPICS INCLUDE: (1) SELECTING WOOD, (2) IDENTIFICATION AND USE OF HAND TOOLS, (3) IDENTIFICATION, ADJUSTMENT AND OPERATION OF POWER TOOLS, (4) MAKING WOOD JOINTS BY POWER AND HAND TOOLS, (5) USE OF GLUE AND METAL FASTENERS, (6) TYPES OF HARDWARE AND THEIR USES, AND (7) WOOD FINISHING. A PROGRESS REPORT OF EACH JOB PROVIDES THE STUDENT WITH A PLACE TO RECORD THE DATE WHEN EACH JOB WAS BEGUN AND COMPLETED. (RR)|

VT 012 688
AGRIBUSINESS POWER MECHANICS (SPECIALIZED STUDY--11TH AND 12TH GRADES). STUDENT STUDY GUIDE, AGRICULTURAL MECHANICS.

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DESCRIPTORS - *STUDY GUIDES; *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; GRADE 11; OFF FARM AGRICULTURAL OCCUPATIONS; GRADE 12; *POWER MECHANICS; AUTO MECHANICS; DIESEL ENGINES; FUELS; ELECTRIC CIRCUITS; AGRICULTURAL ENGINEERING
IDENTIFIERS - *AGRIBUSINESS

ABSTRACT - THIS STUDY GUIDE IS PREPARED FOR THE VOCATIONAL AGRICULTURE STUDENT INTERESTED IN THE FIELD OF POWER MECHANICS IN AGRIBUSINESS. INTENDED AS A 2-YEAR COURSE, THE CONTENT OF THE GUIDE IS ORGANIZED INTO 36 JOB TITLE AREAS--JOBS 1-18 IN THE FIRST YEAR AND JOBS 19-36 DURING THE SECOND. THE TOPICS COVERED INCLUDE: (1) FUNDAMENTALS OF TWO AND FOUR CYCLE ENGINES, (2) THE ELECTRICAL SYSTEM AND ITS FUNCTIONS, (3) LUBRICANTS AND THE LUBRICATING SYSTEM, (4) THE COOLING SYSTEM, (5) SELECTING FUELS AND MAINTAINING THE FUEL AND CARBURETION SYSTEM, (6) THE BRAKE SYSTEM, AND (7) DISASSEMBLY, ASSEMBLY AND REPAIR OF THE POWER PLANT. EACH OF THE 36 JOBS HAVE QUESTIONS TO ANSWER (WITH SPACE PROVIDED IN THE GUIDE), SUGGESTED

LEARNING ACTIVITIES, AND REFERENCES TO LEARNING MATERIAL. A PROGRESS RECORD IS PROVIDED FOR THE STUDENT TO INDICATE DATES WHEN JOBS ARE BEGUN AND COMPLETED. (RR)|

VT 012 689
AGRIBUSINESS METALWORKING (SPECIALIZED STUDY--11TH AND 12TH GRADES). STUDENT STUDY GUIDE, AGRICULTURAL MECHANICS.

ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. AGRICULTURAL EDUCATION SERVICE.
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DESCRIPTORS - *STUDY GUIDES; *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; GRADE 11; OFF FARM AGRICULTURAL OCCUPATIONS; GRADE 12; METALS; *SHEET METAL WORK; WELDING; METALLURGY
IDENTIFIERS - *AGRIBUSINESS

ABSTRACT - DEVELOPED FOR 11TH AND 12TH GRADE STUDENTS OF VOCATIONAL AGRICULTURE, THIS STUDENT STUDY GUIDE WAS PREPARED FOR THE STUDENT INTERESTED IN THE FIELD OF METALWORKING. IT IS SUGGESTED THAT THE 45 JOBS LISTED IN THE GUIDE BE TAUGHT OVER A 2-YEAR COURSE, WITH JOBS 1-23 COMPLETED THE FIRST YEAR AND JOBS 24-43 DURING THE SECOND YEAR. QUESTIONS TO BE ANSWERED, SUGGESTED LEARNING ACTIVITIES AND REFERENCES ARE LISTED FOR EACH JOB. SUBJECT AREAS INCLUDE: (1) IDENTIFICATION AND CHARACTERISTICS OF METALS, (2) DESIGN AND LAYOUT, (3) BENCH METAL WORK, (4) WELDING AND CUTTING PROCEDURES WITH ELECTRIC ARC AND OXY-ACETYLENE, (5) SHEET METAL WORK, AND (6) BRAZING. A PROGRESS RECORD IS PROVIDED FOR STUDENTS TO INDICATE DATES WHEN JOBS ARE BEGUN AND COMPLETED. (RR)|

VT 012 690
AGRIBUSINESS MASONRY (SPECIALIZED STUDY--11TH AND 12TH GRADES). STUDENT STUDY GUIDE, AGRICULTURAL MECHANICS.

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DESCRIPTORS - *STUDY GUIDES; *AGRICULTURAL EDUCATION; *MASONRY; *BRICKLAYING; AGRICULTURAL ENGINEERING; OFF FARM AGRICULTURAL OCCUPATIONS; VOCATIONAL AGRICULTURE; BUILDING TRADES; BUILDINGS; GRADE 11; GRADE 12; CONSTRUCTION (PROCESS); PREFABRICATION; STRUCTURAL BUILDING SYSTEMS; BRICKLAYERS
IDENTIFIERS - *AGRIBUSINESS

ABSTRACT - DEVELOPED FOR AGRICULTURE STUDENTS INTERESTED IN A TWO-YEAR COURSE IN AGRIBUSINESS MASONRY, THIS STUDENT STUDY GUIDE CONTAINS 20 INSTRUCTIONAL JOB TITLES TO BE TAUGHT IN GRADES 11 AND 12. SUGGESTIONS ARE THAT JOBS 1-9 BE COMPLETED DURING THE FIRST YEAR AND JOBS 10-20 DURING THE SECOND YEAR. SOME INSTRUCTIONAL JOBS INCLUDED ARE: (1) ORIENTATION TO CONCRETE, (2) BLUEPRINT READING, (3) BRICKLAYING, (4) CONCRETE FORMWORK, (5) MASONRY MATHEMATICS, (6) DESIGN AND CONSTRUCTION OF FOOTINGS, (7) FOUNDATIONS AND WATERPROOFING, (8) WALLS AND PARTITIONS, (9) SEPTIC TANK SYSTEMS, AND (10) MAINTENANCE, REPAIR, AND IMPROVEMENT OF MASONRY STRUCTURES. ILLUSTRATIONS, SUGGESTED LEARNING ACTIVITIES, REFERENCES, QUESTIONS TO ANSWER, EXPERIMENTS, AND PROJECTS ARE INCLUDED. (AS)|

VT 012 691
AGRIBUSINESS CONSTRUCTION (SPECIALIZED STUDY--11TH AND 12TH GRADES). STUDENT STUDY GUIDE, AGRICULTURAL MECHANICS.

ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. AGRICULTURAL EDUCATION

SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL AGRICULTURAL EDUCATION, FIELD OFFICE, 101 PETRIE HALL, AUBURN, ALABAMA 36830 ($1.00, IN LIMITED SUPPLY).
PUB DATE - ND 149P.

DESCRIPTORS - *STUDY GUIDES; *AGRICULTURAL ENGINEERING; *AGRICULTURAL EDUCATION; ELECTRICAL SYSTEMS; OFF FARM AGRICULTURAL OCCUPATIONS; VOCATIONAL AGRICULTURE; GRADE 11; BUILDING MATERIALS; BUILDING TRADES; ROOFING; *WOODWORKING; PLUMBING; CARPENTERS; FINISHING; HAND TOOLS; GRADE 12
IDENTIFIERS - *AGRIBUSINESS

ABSTRACT - DEVELOPED PRIMARILY FOR AGRICULTURE STUDENTS INTERESTED IN A 2-YEAR COURSE IN AGRIBUSINESS CONSTRUCTION, THIS STUDENT STUDY GUIDE CONTAINS 42 INSTRUCTIONAL JOB TITLES TO BE TAUGHT IN GRADES 11 AND 1. SUGGESTIONS ARE THAT JOBS 1-21 BE COMPLETED DURING THE FIRST YEAR AND JOBS 22-41 DURING THE SECOND YEAR. SOME INSTRUCTIONAL JOBS INCLUDED ARE: (1) SELECTING WOOD FOR WOODWORKING, (2) SELECTING A BUILDING SITE, (3) SELECTING AND USING WOODWORKING TOOLS, (4) USING CONCRETE BLOCKS, (5) SELECTING A ROOF TYPE, (6) PLANNING AN ELECTRICAL INSTALLATION, (7) EXTERIOR AND INTERIOR WALL CONSTRUCTION, (8) INSTALLING WINDOW FRAMES AND WINDOWS, (9) USING NAILS, SCREWS, AND BOLTS AS FASTENINGS, (10) WOOD FINISHING, AND (11) PIPE WORK--PLUMBING. ILLUSTRATIONS, SUGGESTED LEARNING ACTIVITIES, REFERENCES, QUESTIONS TO ANSWER, EXPERIMENTS, AND PROJECTS ARE INCLUDED. (AS)|

VT 012 692
AGRIBUSINESS ELECTRICITY (SPECIALIZED STUDY--11TH AND 12TH GRADES). STUDENT STUDY GUIDE, AGRICULTURAL MECHANICS.

ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. AGRICULTURAL EDUCATION SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL AGRICULTURAL EDUCATION, FIELD OFFICE, 101 PETRIE HALL, AUBURN, ALABAMA 36830 ($1.00, LIMITED SUPPLY).
PUB DATE - ND 145P.

DESCRIPTORS - *STUDY GUIDES; *ELECTRICAL SYSTEMS; ELECTRIC CIRCUITS; *AGRICULTURAL EDUCATION; *ELECTRIC MOTORS; *AGRICULTURAL ENGINEERING; VOCATIONAL AGRICULTURE; OFF FARM AGRICULTURAL OCCUPATIONS; SECONDARY EDUCATION
IDENTIFIERS - *AGRIBUSINESS

ABSTRACT - DEVELOPED PRIMARILY FOR GRADE 11 AND 12 AGRICULTURAL STUDENTS INTERESTED IN A 2-YEAR COURSE IN AGRIBUSINESS ELECTRICITY, THIS STUDENT STUDY GUIDE CONTAINS 25 INSTRUCTIONAL JOB TITLES. IT IS SUGGESTED THAT JOBS 1-12 BE COMPLETED THE FIRST YEAR AND JOBS 13-25 DURING THE SECOND YEAR. SOME JOBS INCLUDED ARE: (1) INTRODUCTION TO ELECTRICITY, (2) ELECTRICAL TOOLS AND EQUIPMENT, (3) GENERATORS AND TRANSFORMERS, (4) ABC OF WIRING, (5) PLANNING AN ELECTRICAL INSTALLATION, (6) FARM WIRING, (7) ELECTRIC MOTORS, AND (8) WIRING MULTI-FAMILY DWELLINGS. SUGGESTED LEARNING ACTIVITIES, REFERENCES, QUESTIONS TO ANSWER, EXPERIMENTS, AND PROJECTS ARE INCLUDED. (AS)|

VT 012 802
SPILLMAN, ROBERT;COLLINS, WILSON GLENN
HORTICULTURE. UNIT (MODULE): PLANNING THE HOME LANDSCAPE.

KENTUCKY UNIV., LEXINGTON. INSTRUCTIONAL MATERIALS LAB.
MF AVAILABLE IN VT-ERIC SET.
HS-81
INSTRUCTIONAL MATERIALS LABORATORY, ROOM 151, TAYLOR EDUCATION BUILDING, UNIVERSITY OF KENTUCKY, LEXINGTON, KENTUCKY 40506 (ONE COPY FREE ON REQUEST FOR STATE DIRECTORS OF AGRICULTURAL EDUCATION).
PUB DATE - FEB70 34P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; UNIT PLAN; *HORTICULTURE; LANDSCAPING; *SITE DEVELOPMENT;

GRADE 11; GRADE 12; FLORICULTURE; PLANT IDENTIFICATION; TURF MANAGEMENT; *UNITS OF STUDY (SUBJECT FIELDS); *LEARNING ACTIVITIES

ABSTRACT - THIS REVISED UNIT, PREPARED BY AGRICULTURAL SPECIALISTS IN THE KENTUCKY DEPARTMENT OF VOCATIONAL EDUCATION, IS FOR TEACHERS' USE WITH THE 11TH OR 12TH GRADE VOCATIONAL AGRICULTURE CLASSES. CONTENTS ARE ORGANIZED ACCORDING TO THESE COMPETENCIES: (1) APPRECIATION OF THE NEED FOR BEAUTIFYING THE HOME AND SURROUNDINGS, (2) SELECTING IMPROVEMENTS, (3) PLANNING THE LANDSCAPE AND OTHER IMPROVEMENTS, AND (4) PLANNING FOR FLOWERS, TREES, SHRUBS, OR OTHER PLANTS. INCLUDED WITH EACH COMPETENCY ARE SUGGESTED TEACHING-LEARNING ACTIVITIES, REFERENCES, AND INSTRUCTIONAL MATERIALS. TWO RELATED UNITS, WHICH FOLLOW THIS UNIT IN TEACHING SEQUENCE, ARE AVAILABLE IN THIS ISSUE AS VT 012 803 AND VT 012 804. (RR)|

VT 012 803
SPILLMAN, ROBERT;COLLINS, WILSON GLENN
HORTICULTURE. UNIT (MODULE): STARTING THE HOME LANDSCAPE.

KENTUCKY UNIV., LEXINGTON. INSTRUCTIONAL MATERIALS LAB.
MF AVAILABLE IN VT-ERIC SET.
HS 82
INSTRUCTIONAL MATERIALS LABORATORY, ROOM 151 TAYLOR EDUCATION BUILDING, UNIVERSITY OF KENTUCKY, LEXINGTON, KENTUCKY 40506 (ONE COPY FREE ON REQUEST FOR STATE DIRECTORS OF AGRICULTURAL EDUCATION).
PUB DATE - FEB70 20P.

DESCRIPTORS - *HORTICULTURE; UNIT PLAN; VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; TURF MANAGEMENT; *LANDSCAPING; PLANT IDENTIFICATION; TRANSPARENCIES; PLANT SCIENCE; *ORNAMENTAL HORTICULTURE; PLANT GROWTH; PLANTING; TRANSPLANTING; SECONDARY GRADES; *UNITS OF STUDY (SUBJECT FIELDS)

ABSTRACT - DEVELOPED BY THE INSTRUCTIONAL MATERIALS LABORATORY AT THE UNIVERSITY OF KENTUCKY, THIS TEACHING UNIT IS DESIGNED TO ASSIST HIGH SCHOOL VOCATIONAL AGRICULTURE INSTRUCTORS IN PLANNING AND TEACHING 11TH AND 12TH GRADE STUDENTS COMPETENCIES IN STARTING THE HOME LANDSCAPE. CONTENTS INCLUDE: (1) PREPARING THE HOME GROUNDS FOR LANDSCAPING, (2) ESTABLISHING OR RENOVATING THE LAWN, (3) ESTABLISHING AND CARING FOR TREES AND SHRUBS, AND (4) PREPARING BEDS FOR FLOWERS. TRANSPARENCY MASTERS, SUGGESTED REFERENCES, INSTRUCTIONAL MATERIALS, AND TEACHING ACTIVITIES ARE INCLUDED. TWO RELATED UNITS ARE AVAILABLE AS VT 012 802 AND VT 012 804, BOTH IN THIS ISSUE. (AS)|

VT 012 804
SPILLMAN, ROBERT;COLLINS, WILSON GLENN
HORTICULTURE. UNIT (MODULE): MAINTAINING THE HOME LANDSCAPE.

KENTUCKY UNIV., LEXINGTON. INSTRUCTIONAL MATERIALS LAB.
MF AVAILABLE IN VT-ERIC SET.
HS-83
INSTRUCTIONAL MATERIALS LABORATORY, ROOM 151, TAYLOR EDUCATION BUILDING, UNIVERSITY OF KENTUCKY, LEXINGTON, KENTUCKY 40506 (ONE COPY FREE ON REQUEST FOR STATE DIRECTORS OF AGRICULTURAL EDUCATION).
PUB DATE - FEB70 28P.

DESCRIPTORS - *UNIT PLAN; *AGRICULTURAL EDUCATION; *HORTICULTURE; VOCATIONAL AGRICULTURE; *TURF MANAGEMENT; *LANDSCAPING; PLANT IDENTIFICATION; SECONDARY EDUCATION; PLANT SCIENCE; ORNAMENTAL HORTICULTURE; FLORICULTURE; SITE DEVELOPMENT

ABSTRACT - DEVELOPED BY THE INSTRUCTIONAL MATERIALS LABORATORY AT THE UNIVERSITY OF KENTUCKY, THIS TEACHING UNIT IS DESIGNED TO ASSIST HIGH SCHOOL VOCATIONAL AGRICULTURE INSTRUCTORS IN PLANNING AND TEACHING COMPETENCIES IN MAINTAINING THE HOME LANDSCAPE TO

STUDENTS IN GRADES 11 AND 12. CONTENTS INCLUDE INSTRUCTIONS ON HOW TO: (1) ESTABLISH AND MAINTAIN SHADE TREES, GROUND COVERS, VINES AND HEDGE PLANTS, (2) MANAGE AND MAINTAIN THE LAWN, (3) DEVELOP AND MAINTAIN ATTRACTIVE WALKS, DRIVES, AND SERVICE AREAS, AND (4) DEVELOP AND MAINTAIN RECREATIONAL AREAS. TRANSPARENCY MASTERS, SUGGESTED REFERENCES, INSTRUCTIONAL MATERIALS, AND TEACHING ACTIVITIES ARE INCLUDED. TWO RELATED UNITS AVAILABLE IN THIS ISSUE ARE VT 012 802, PLANNING THE HOME LANDSCAPE, AND VT 012 803, STARTING THE HOME LANDSCAPE. (AS)|

VT 012 805
COLLINS, WILSON GLENN
HORTICULTURE (VEGETABLE PRODUCTION). UNIT (MODULE): TOMATO PRODUCTION.

KENTUCKY UNIV., LEXINGTON.
INSTRUCTIONAL MATERIALS LAB.
MF AVAILABLE IN VT-ERIC SET.
HS-30A
INSTRUCTIONAL MATERIALS LABORATORY, ROOM 151, TAYLOR EDUCATION BUILDING, UNIVERSITY OF KENTUCKY, LEXINGTON, KENTUCKY 40506 (ONE COPY FREE ON REQUEST FOR STATE DIRECTORS OF AGRICULTURAL EDUCATION).
PUB DATE - APR70 75P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *HORTICULTURE; *UNITS OF STUDY (SUBJECT FIELDS); *PLANT SCIENCE; *AGRICULTURAL PRODUCTION; VOCATIONAL AGRICULTURE; SECONDARY EDUCATION; YOUNG FARMER EDUCATION; ADULT FARMER EDUCATION; PLANT GROWTH; PLANTING; TEACHING GUIDES; INSTRUCTIONAL MATERIALS

ABSTRACT - FOLLOWING OBJECTIVES FORMULATED BY A COMMITTEE OF AGRICULTURAL SPECIALISTS, THIS TEACHING UNIT IS DESIGNED TO ASSIST VOCATIONAL AGRICULTURE INSTRUCTORS IN PLANNING AND TEACHING MAJOR ASPECTS OF TOMATO PRODUCTION IN GRADES 11 AND 12 AND ADULT CLASSES. EIGHTEEN SEPARATE COMPETENCIES OF TOMATO PRODUCTION ARE ORGANIZED INTO AREAS SUCH AS TOMATO IMPORTANCE, MARKETING, SELECTION PRODUCTION INPUTS, CULTURAL PRACTICES, UNDERSTANDING OF PLANT GROWTH, AND WEED AND INSECT CONTROL. THE UNIT CONTAINS SUGGESTIONS FOR TEACHING-LEARNING ACTIVITIES, REFERENCES AND INSTRUCTIONAL MATERIALS. THE SUGGESTED TEACHING TIME IS 20 TO 30 DAYS DURING THE SPRING, TO UTILIZE THE OUTDOORS AS A LABORATORY, OR USING A GREENHOUSE FACILITY. RELATED MATERIALS ON VEGETABLE PRODUCTION ARE AVAILABLE AS VT 012 606-VT 012 609, ALL IN THIS ISSUE. (RR)|

VT 012 806
COLLINS, WILSON GLENN
HORTICULTURE (VEGETABLE PRODUCTION). UNIT (MODULE): PEPPER PRODUCTION.

KENTUCKY UNIV., LEXINGTON.
INSTRUCTIONAL MATERIALS LAB.
MF AVAILABLE IN VT-ERIC SET.
HS-30B
INSTRUCTIONAL MATERIALS LABORATORY, ROOM 151, TAYLOR EDUCATION BUILDING, UNIVERSITY OF KENTUCKY, LEXINGTON, KENTUCKY 40506 (ONE COPY FREE ON REQUEST FOR STATE DIRECTORS OF AGRICULTURAL EDUCATION).
PUB DATE - MAY70 44P.

DESCRIPTORS - *UNITS OF STUDY (SUBJECT FIELDS); *HORTICULTURE; *AGRICULTURAL EDUCATION; TEACHING GUIDES; VOCATIONAL AGRICULTURE; *AGRICULTURAL PRODUCTION; *PLANT SCIENCE; INSTRUCTIONAL MATERIALS; PLANT GROWTH; SECONDARY EDUCATION; YOUNG FARMER EDUCATION; ADULT FARMER EDUCATION

ABSTRACT - FOLLOWING OBJECTIVES DEVELOPED BY A COMMITTEE OF AGRICULTURAL SPECIALISTS, THIS TEACHING UNIT IS DESIGNED TO ASSIST VOCATIONAL AGRICULTURE INSTRUCTORS IN PLANNING AND TEACHING MAJOR ASPECTS OF PEPPER PRODUCTION IN GRADES 11 AND 12 AND ADULT CLASSES. CONTENTS INCLUDE: (1) SELECTING AND PREPARING THE LAND, (2) FERTILIZING, (3) SECURING AND TRANSPLANTING THE PEPPER PLANTS, (4) PROVIDING ADEQUATE WATER SUPPLY, (5) CONTROLLING WEEDS, INSECTS, AND DISEASES, (6) HARVESTING, AND (7) MARKETING. A GREENHOUSE OR OUTDOOR FACILITY IS RECOMMENDED. REFERENCES, INSTRUCTIONAL MATERIALS, AND TEACHING ACTIVITIES ARE SUGGESTED FOR EACH UNIT LESSON. FOUR RELATED UNITS ON VEGETABLE PRODUCTION ARE AVAILABLE AS VT 012 805 AND VT 012 807-VT 012 809, ALL IN THIS ISSUE. (AS)|

VT 012 807
COLLINS, WILSON GLENN
HORTICULTURE (VEGETABLE PRODUCTION). UNIT (MODULE): CUCUMBER PRODUCTION.

KENTUCKY UNIV., LEXINGTON. INSTRUCTIONAL MATERIALS LAB.
MF AVAILABLE IN VT-ERIC SET.
HS-30C
INSTRUCTIONAL MATERIALS LABORATORY, ROOM 151, TAYLOR EDUCATION BUILDING, UNIVERSITY OF KENTUCKY, LEXINGTON, KENTUCKY 40506 (ONE COPY FREE ON REQUEST FOR STATE DIRECTORS OF AGRICULTURAL EDUCATION).
PUB DATE - OCT70 26P.

DESCRIPTORS - *UNITS OF STUDY (SUBJECT FIELDS); *HORTICULTURE; *AGRICULTURAL EDUCATION; TEACHING GUIDES; *AGRICULTURAL PRODUCTION; *PLANT SCIENCE; INSTRUCTIONAL MATERIALS; PLANT GROWTH; SECONDARY EDUCATION; YOUNG FARMER EDUCATION; ADULT FARMER EDUCATION; VOCATIONAL AGRICULTURE

ABSTRACT - FOLLOWING OBJECTIVES DEVELOPED BY A COMMITTEE OF AGRICULTURAL SPECIALISTS, THIS TEACHING UNIT IS DESIGNED TO ASSIST VOCATIONAL AGRICULTURE INSTRUCTORS IN PLANNING AND TEACHING MAJOR ASPECTS OF CUCUMBER PRODUCTION IN GRADES 11 AND 12 AND ADULT CLASSES. CONTENTS INCLUDE: (1) SELECTING AND PREPARING THE LAND, (2) FERTILIZING, (3) PLANTING THE CROP, (4) CONTROLLING WEEDS, INSECTS, AND DISEASES, (5) HARVESTING, AND (6) MARKETING. A GREENHOUSE OR OUTDOOR FACILITY IS RECOMMENDED. REFERENCES, INSTRUCTIONAL MATERIALS, AND TEACHING ACTIVITIES ARE SUGGESTED FOR EACH UNIT LESSON. FOUR RELATED UNITS ON VEGETABLE PRODUCTION ARE AVAILABLE AS VT 012 805, VT 012 806, VT 012 808, AND VT 012 809, ALL IN THIS ISSUE. (AS)|

VT 012 808
COLLINS, WILSON GLENN
HORTICULTURE (VEGETABLE PRODUCTION). UNIT (MODULE): CABBAGE PRODUCTION.

KENTUCKY UNIV., LEXINGTON. INSTRUCTIONAL MATERIALS LAB.
MF AVAILABLE IN VT-ERIC SET.
HS-30D
INSTRUCTIONAL MATERIALS LABORATORY, ROOM 151, TAYLOR EDUCATION BUILDING, UNIVERSITY OF KENTUCKY, LEXINGTON, KENTUCKY 40506 (ONE COPY FREE ON REQUEST FOR STATE DIRECTORS OF AGRICULTURAL EDUCATION).
PUB DATE - AUG70 31P.

DESCRIPTORS - *UNITS OF STUDY (SUBJECT FIELDS); *HORTICULTURE; *AGRICULTURAL EDUCATION; TEACHING GUIDES; VOCATIONAL AGRICULTURE; *AGRICULTURAL PRODUCTION; *PLANT SCIENCE; INSTRUCTIONAL MATERIALS; PLANT GROWTH; SECONDARY EDUCATION; YOUNG FARMER EDUCATION; ADULT FARMER EDUCATION

ABSTRACT - FOLLOWING OBJECTIVES DEVELOPED BY A COMMITTEE OF AGRICULTURAL SPECIALISTS, THIS TEACHING UNIT IS DESIGNED TO ASSIST VOCATIONAL AGRICULTURE INSTRUCTORS IN PLANNING AND TEACHING MAJOR ASPECTS OF CABBAGE PRODUCTION IN GRADES 11 AND 12 AND ADULT CLASSES. CONTENTS INCLUDE: (1) SELECTING AND PREPARING THE LAND, (2) FERTILIZING, (3) SECURING AND TRANSPLANTING THE CABBAGE PLANTS, (4) PROVIDING ADEQUATE WATER SUPPLY, (5) CONTROLLING WEEDS, INSECTS, AND DISEASES, (6) HARVESTING, AND (7) MARKETING. A GREENHOUSE OR OUTDOOR FACILITY IS RECOMMENDED. REFERENCES, INSTRUCTIONAL MATERIALS, AND TEACHING ACTIVITIES ARE SUGGESTED FOR EACH UNIT LESSON. FOUR RELATED UNITS ON VEGETABLE PRODUCTION ARE AVAILABLE AS VT 012 805-VT 012 807 AND VT 012 809, ALL IN THIS ISSUE. (AS)|

VT 012 809
COLLINS, WILSON GLENN
HORTICULTURE (VEGETABLE PRODUCTION). UNIT (MODULE): SNAPBEAN PRODUCTION.

KENTUCKY UNIV., LEXINGTON. INSTRUCTIONAL MATERIALS LAB.
MF AVAILABLE IN VT-ERIC SET.
HS-30E
INSTRUCTIONAL MATERIALS LABORATORY, ROOM 151, TAYLOR EDUCATION BUILDING, UNIVERSITY OF KENTUCKY, LEXINGTON, KENTUCKY 40506 (ONE COPY FREE ON REQUEST FOR STATE DIRECTORS OF AGRICULTURAL EDUCATION).
PUB DATE - NOV70 28P.

DESCRIPTORS - *UNITS OF STUDY (SUBJECT FIELDS); *HORTICULTURE; *AGRICULTURAL EDUCATION; TEACHING GUIDES; VOCATIONAL AGRICULTURE; *AGRICULTURAL PRODUCTION; *PLANT SCIENCE; INSTRUCTIONAL MATERIALS; PLANT GROWTH; SECONDARY EDUCATION; YOUNG FARMER EDUCATION; ADULT FARMER EDUCATION

ABSTRACT - FOLLOWING OBJECTIVES DEVELOPED BY A COMMITTEE OF AGRICULTURAL SPECIALISTS, THIS TEACHING UNIT IS DESIGNED TO ASSIST VOCATIONAL AGRICULTURE INSTRUCTORS IN PLANNING AND TEACHING MAJOR ASPECTS OF SNAPBEAN PRODUCTION IN GRADES 11 AND 12 AND ADULT CLASSES. CONTENTS INCLUDE: (1) SELECTING AND PREPARING THE LAND, (2) FERTILIZING, (3) PLANTING, (4) CONTROLLING WEEDS, INSECTS, AND DISEASES, (5) HARVESTING, AND (6) MARKETING. A GREENHOUSE OR OUTDOOR FACILITY IS RECOMMENDED. REFERENCES, INSTRUCTIONAL MATERIALS, AND TEACHING ACTIVITIES ARE SUGGESTED FOR EACH UNIT LESSON. FOUR RELATED UNITS ON VEGETABLE PRODUCTION ARE AVAILABLE AS VT 012 805-VT 012 808, ALL IN THIS ISSUE. (AS)

VT 012 873 ED 051 380
VAN DE VANTER, GORDON L.
AGRICULTURAL CHEMICAL SAFETY. A GUIDE TO SAFE HANDLING OF PESTICIDES. TEACHER'S HANDBOOK, STUDENT MANUAL, AND TRANSPARENCIES.

CALIFORNIA STATE POLYTECHNIC COLL., SAN LUIS OBISPO.
CALIFORNIA STATE DEPT. OF EDUCATION, SACRAMENTO. VOCATIONAL EDUCATION SECTION
DOCUMENT NOT AVAILABLE FROM EDRS.
VOCATIONAL EDUCATION PRODUCTIONS, CALIFORNIA STATE POLYTECHNIC COLLEGE, SAN LUIS OBISPO, CALIFORNIA 93401, (ENTIRE PACKAGE ($10.00)
PUB DATE - ND 155P.1970 REVISION

DESCRIPTORS - *AGRICULTURAL EDUCATION; *TEACHING GUIDES; STUDY GUIDES; *AGRICULTURAL SAFETY; *PESTICIDES; SAFETY EDUCATION; TRANSPARENCIES; BIBLIOGRAPHIC CITATIONS; INSECTICIDES; INSTRUCTIONAL MATERIALS
IDENTIFIERS - *AGRICULTURAL CHEMICALS

ABSTRACT - INTENDED FOR TEACHERS AND STUDENTS, THIS AGRICULTURAL CHEMICAL SAFETY PACKAGE OF INSTRUCTIONAL MATERIALS PERTAINING TO THE SAFE HANDLING OF PESTICIDES WAS DEVELOPED BY VOCATIONAL EDUCATION PRODUCTIONS OF CALIFORNIA STATE POLYTECHNIC COLLEGE. INCLUDED ARE A TEACHERS' HANDBOOK, A STUDENT MANUAL, AND 20 TRANSPARENCY MASTERS. THE TEACHERS' HANDBOOK IS DESIGNED TO GIVE BACKGROUND INFORMATION TO INSTRUCTORS AND TO AID THEM IN THE COORDINATION OF AUDIO-VISUAL AIDS, TEACHING AIDS, AND STUDENT EXERCISES WITH THE STUDENT MANUAL FOR MORE EFFECTIVE CLASSROOM PRESENTATION. A TEACHING PLAN, A TRUE-FALSE TEST, AND ADDITIONAL READING MATERIALS ARE INCLUDED. TOPIC HEADINGS ARE: (1) PESTICIDES ARE NECESSARY, (2) PESTICIDE LAWS AND REGULATIONS, AND (3) PERSONAL SAFETY WHEN HANDLING AGRICULTURAL CHEMICALS. (GB)

VT 012 990
FORESTRY IN AGRICULTURAL EDUCATION.

VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. AGRICULTURAL EDUCATION SERVICE.
MF AVAILABLE IN VT-ERIC SET.

STATE DEPARTMENT OF EDUCATION, EIGHTH STREET OFFICE BUILDING, RICHMOND, VIRGINIA 23216 ($1.50).
PUB DATE - JUL70 125P.

DESCRIPTORS - *UNITS OF STUDY (SUBJECT FIELDS); *FORESTRY; *VOCATIONAL AGRICULTURE; *LUMBER INDUSTRY; *SUPPLEMENTARY TEXTBOOKS; CAREER OPPORTUNITIES; TREES; MAP SKILLS; HARVESTING

ABSTRACT - PREPARED BY PERSONNEL FROM STATE FORESTRY AND WILDLIFE AGENCIES, A LUMBER MANUFACTURERS' ASSOCIATION AND AGRICULTURAL EDUCATION STAFFS, THIS PUBLICATION IS DESIGNED TO AID AGRICULTURAL EDUCATION TEACHERS IN PRESENTING THE FORESTRY UNITS INCLUDED IN THE RELATED CURRICULUM GUIDE AVAILABLE AS VT 008 038 (AIM SUMMER 1969). THE 14 UNITS INCLUDE: (1) ECONOMIC IMPORTANCE OF FORESTRY, (2) IDENTIFICATION AND GROWTH OF TREES, (3) FORESTRY MANAGEMENT, (4) HARVESTING, AND (5) SELECTING A FORESTRY CAREER. EACH UNIT INCLUDES OBJECTIVES, REFERENCES, TEACHING MATERIALS, AND LESSON PLANS ORGANIZED INTO FOUR STEPS: PREPARATION, PRESENTATION, APPLICATION, AND TESTING OR FOLLOWUP. THE GUIDE IS ILLUSTRATED WITH NUMEROUS DRAWINGS, DIAGRAMS, AND PHOTOGRAPHS. STATE AND NATIONAL FORESTS AND PARKS, SOURCES OF FORESTRY INFORMATION, CHARACTERISTICS OF DIFFERENT WOODS, TIMBER SALE CONTRACT PROVISIONS, REFERENCES AND EQUIPMENT SOURCES, AND PLANS FOR A PLANTING BAR ARE APPENDED. (RR)|

VT 013 034
ORNAMENTAL HORTICULTURE (SPECIALIZED STUDY--11TH AND 12TH GRADES). RURAL AGRIBUSINESS INDUSTRY IN VOCATIONAL AGRICULTURE. STUDENT STUDY GUIDE

ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. AGRICULTURAL EDUCATION SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL AGRICULTURE EDUCATION, FIELD OFFICE, 101 PETRIE HALL, AUBURN, ALABAMA 36830 (AVAILABLE IN LIMITED SUPPLY FOR $1.00 ONLY TO STATE SUPERVISORS AND HEAD TEACHER EDUCATORS).
PUB DATE - 70 148P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *STUDY GUIDES; *ORNAMENTAL HORTICULTURE; PLANT SCIENCE; GRADE 11; GRADE 12
IDENTIFIERS - *AGRIBUSINESS

ABSTRACT - PREPARED FOR STUDENTS IN GRADES 11 AND 12 WHO ARE INTERESTED IN THE FIELD OF ORNAMENTAL HORTICULTURE, THIS STUDY GUIDE CONSISTS OF 50 JOB UNITS AND IS DESIGNED AS A 2-YEAR COURSE. THE GUIDE CONTAINS QUESTIONS AND SUGGESTED LEARNING ACTIVITIES. QUESTIONS ARE STRUCTURED TO BE USED IN CONJUNCTION WITH A RELATED DOCUMENT, "ORNAMENTAL HORTICULTURE FOR VOCATIONAL AGRICULTURE IN ALABAMA," AVAILABLE IN THIS ISSUE AS VT 013 039. (GB)|

VT 013 036
AGRICULTURAL MECHANICS COURSE.

DEPARTMENT OF EDUCATION, OTTAWA (ONTARIO).
MF AVAILABLE IN VT-ERIC SET.
CURR-RP-27A
PUB DATE - 66 12P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *CURRICULUM GUIDES; *TECHNICAL EDUCATION; *AGRICULTURAL OCCUPATIONS; *AGRICULTURAL ENGINEERING; DRAFTING; CONSTRUCTION INDUSTRY; MECHANICS (PROCESS); WELDING; ELECTRICITY
IDENTIFIERS - OTTAWA; ONTARIO

ABSTRACT - INTENDED FOR GRADES 11 AND 12 AND DEVELOPED BY THE ONTARIO DEPARTMENT OF EDUCATION, THIS CURRICULUM GUIDE ON AGRICULTURAL MECHANICS CONTAINS AN OUTLINED DESCRIPTION OF TECHNICAL COURSE OFFERINGS. TOPICS ARE: (1) DRAFTING, (2) BUILDING CONSTRUCTION, (3) MOTOR MECHANICS, (4) GAS AND ARC WELDING, AND (5) ELECTRICITY. THE AIM OF THE COURSES IS TO PREPARE STUDENTS IN AREAS OF ONTARIO, WHERE THE ECONOMY IS BASED

ON AGRICULTURE AND RELATED INDUSTRY, TO ENTER GAINFUL EMPLOYMENT IN THESE FIELDS, OR TO PROCEED IN DIPLOMA COURSES OF AGRICULTURAL SCHOOLS. (GB)|

VT 013 039
ORNAMENTAL HORTICULTURE FOR VOCATIONAL AGRICULTURE IN ALABAMA.

ALABAMA STATE DEPT. OF EDUCATION, MONTGOMERY. AGRICULTURAL EDUCATION SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL AGRICULTURAL EDUCATION, FIELD OFFICE, 101 PETRIE HALL, AUBURN, ALABAMA 36830 (IN LIMITED SUPPLY TO STATE SUPERVISORS AND TEACHER EDUCATORS, $2.50).
PUB DATE - MAY70 352P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; *SUPPLEMENTARY TEXTBOOKS; *ORNAMENTAL HORTICULTURE; *ORNAMENTAL HORTICULTURE OCCUPATION; PLANT PROPAGATION; PLANT IDENTIFICATION; PLANT SCIENCE; NURSERIES (HORTICULTURE); LANDSCAPING; TURF MANAGEMENT
IDENTIFIERS - *OCCUPATIONAL EXPLORATION

ABSTRACT - INTENDED AS A REFERENCE FOR STUDENTS AND TEACHERS FOR A SPECIAL COURSE IN ORNAMENTAL HORTICULTURE, THIS PUBLICATION CONTAINS INFORMATION NEEDED TO COMPLETE THE SUGGESTED WORK IN A STUDENT STUDY GUIDE. CONTENTS ARE: (1) EXPLORING OCCUPATIONAL OPPORTUNITIES IN ORNAMENTAL HORTICULTURE, (2) IDENTIFYING ORNAMENTAL HORTICULTURE PLANTS, (3) PLANT PROPAGATION, (4) USING SOIL AND OTHER GROWING MEDIA, (5) FLORAL CROP PRODUCTION, (6) NURSERY PLANT PRODUCTION, (7) CONTROLLING PLANT INSECTS, PLANT DISEASES, AND OTHER PLANT DISORDERS, (8) CONSTRUCTING, MAINTAINING, AND USING PLANT GROWING STRUCTURES, (9) MERCHANDISING HORTICULTURAL PLANTS AND SUPPLIES, (10) DEVELOPING THE LANDSCAPE DESIGN OR PLAN, AND (11) ESTABLISHING AND CARING FOR LAWNS AND TURFS. REFERENCE MATERIALS AND THEIR AVAILABILITY ARE LISTED BY TOPICS. THIS DOCUMENT IS A REVISION OF VT 000 383 (AIM SPRING 1970). THE STUDENT STUDY GUIDE IS AVAILABLE IN THIS ISSUE AS VT 013 034. (GB)|

VT 013 058
SKILL SHEETS FOR SMALL GASOLINE ENGINES.

IOWA STATE UNIV., AMES. DEPT. OF AGRICULTURAL EDUCATION.;IOWA STATE DEPT. OF PUBLIC INSTRUCTION, DES MOINES.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 24P.

DESCRIPTORS - *WORKSHEETS; AGRICULTURAL ENGINEERING; STUDY GUIDES; ENGINES; SKILL DEVELOPMENT; MECHANICAL SKILLS; MEASUREMENT INSTRUMENTS; MAINTENANCE; *IDENTIFICATION TESTS; *INSTRUCTIONAL MATERIALS; *AGRICULTURAL EDUCATION; TEACHING GUIDES

ABSTRACT - DEVELOPED BY VOCATIONAL AGRICULTURE INSTRUCTORS WHO ATTENDED AN INSERVICE CLASS, THESE SKILL SHEETS ARE FOR TEACHING SPECIFIC SKILLS AND ABILITIES RELATED TO SMALL GASOLINE ENGINES. THE SHEETS COVER THE PROBLEM AREAS OF: (1) MEASURING DEVICES, (2) COMPRESSION, (3) CARBURETION, (4) IGNITION, AND (5) MAINTENANCE AND TROUBLESHOOTING. THE SHEETS INCLUDE STATEMENTS OF WHAT THE OPERATION TEACHES, MATERIALS REQUIRED, PART IDENTIFICATION, OPERATIONAL PROCEDURES, AND AN EVALUATION SCORE SHEET. A PART IDENTIFICATION KEY IS PROVIDED FOR THE SHEETS, AND THE DOCUMENT IS ILLUSTRATED WITH LINE DRAWINGS. (GEB)|

VT 013 215
PHIPPS, LLOYD J., AND OTHERS
EDUCATION REGARDING CREDIT FOR AGRICULTURAL PRODUCTION. TEACHING SOURCE UNIT I—1, 2, 3, AND 4.

ILLINOIS UNIV., URBANA. DIV. OF AGRICULTURAL EDUCATION.
ILLINOIS PRODUCTION CREDIT ASSOCIATIONS;FEDERAL INTERMEDIATE

CREDIT BANK OF ST. LOUIS, ILL.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURAL EDUCATION DIVISION, VOCATIONAL AND TECHNICAL EDUCATION DEPT., COLLEGE OF EDUCATION, UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN, URBANA, ILLINOIS 61801.
PUB DATE - 70 38P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL PRODUCTION; *TEACHING GUIDES; *CREDIT (FINANCE); *FARM MANAGEMENT; FARM ACCOUNTS; RECORDS (FORMS); FINANCIAL SERVICES; INSTRUCTIONAL MATERIALS; BIBLIOGRAPHIC CITATIONS

ABSTRACT - INTENDED FOR PERSONS RESPONSIBLE FOR CONDUCTING SYSTEMATIC PROGRAMS OF EDUCATION RELATING TO CREDIT FOR AGRICULTURAL PRODUCTION, THIS TEACHING GUIDE IS ONE IN A SERIES RESULTING FROM A COMPREHENSIVE RESEARCH PROJECT BEING CONDUCTED BY THE AGRICULTURAL EDUCATION DIVISION AT THE UNIVERSITY OF ILLINOIS. UNITS ARE: (1) INVENTORYING RESOURCES OF THE FARM BUSINESS, (2) RECORDING FARM BUSINESS RECEIPTS, EXPENSES, AND PRODUCTION, (3) ANALYZING FARM BUSINESS RECORDS AND INTERPRETING RESULTS, AND (4) PREPARING AND INTERPRETING A PROFIT AND LOSS STATEMENT. CONTENT IS PRESENTED AS ANTICIPATED PROBLEMS AND CONCERNS IN QUESTION FORM WITH ACCOMPANYING TEACHING TECHNIQUES AND SOLUTION GUIDES FOR EACH OF THE PROBLEM AREAS. TEACHING OBJECTIVES AND SUGGESTED INTEREST APPROACHES ARE INCLUDED. OTHER RELATED TEACHING SOURCE UNITS ARE AVAILABLE IN THIS ISSUE AS VT 013 216, VT 013 217, AND VT 013 218. (GB)|

VT 013 216
PHIPPS, LLOYD J.;MCGREW, C. EUGENE
EDUCATION REGARDING CREDIT FOR AGRICULTURAL PRODUCTION. TEACHING SOURCE UNIT II--1, 2, 3, AND 4.

ILLINOIS UNIV., URBANA. DIV. OF AGRICULTURAL EDUCATION.
ILLINOIS PRODUCTION CREDIT ASSOCIATIONS;FEDERAL INTERMEDIATE CREDIT BANK OF ST. LOUIS, ILL.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURAL EDUCATION DIVISION, VOCATIONAL AND TECHNICAL EDUCATION DEPT., UNIVERSITY OF ILLINOIS, 357 EDUCATION BUILDING, URBANA, ILLINOIS 61801.
PUB DATE - 69 47P.

DESCRIPTORS - *AGRICULTURAL PRODUCTION; *AGRICULTURAL EDUCATION; *TEACHING GUIDES; *CREDIT (FINANCE); *FARM MANAGEMENT; INSTRUCTIONAL MATERIALS; BIBLIOGRAPHIC CITATIONS; LIVESTOCK

ABSTRACT - INTENDED FOR PERSONS RESPONSIBLE FOR CONDUCTING SYSTEMATIC PROGRAMS OF EDUCATION RELATING TO CREDIT FOR AGRICULTURAL PRODUCTION, THIS TEACHING GUIDE IS ONE IN A SERIES RESULTING FROM A COMPREHENSIVE RESEARCH PROJECT BEING CONDUCTED BY THE AGRICULTURAL EDUCATION DIVISION AT THE UNIVERSITY OF ILLINOIS. UNITS ARE: (1) PLANNING PROFITABLE CROPPING SYSTEMS TO USE CREDIT EFFECTIVELY, (2) PLANNING PROFITABLE LIVESTOCK ENTERPRISES FOR EFFECTIVE USE OF CREDIT, (3) DETERMINING THE PROFITABILITY OF BORROWING MONEY TO INCREASE VOLUME OF LIVESTOCK ENTERPRISES, AND (4) DETERMINING THE PROFITABILITY OF BORROWING MONEY TO BUY OR RENT FARMLAND. CONTENT IS PRESENTED AS ANTICIPATED PROBLEMS AND CONCERNS IN QUESTION FORM WITH ACCOMPANYING TEACHING TECHNIQUES AND SOLUTION GUIDES FOR EACH OF THE PROBLEM AREAS. TEACHING OBJECTIVES AND SUGGESTED INTEREST APPROACHES ARE INCLUDED. OTHER RELATED TEACHING SOURCE UNITS ARE AVAILABLE IN THIS ISSUE AS VT 013 215, VT 013 217, AND VT 013 218. (GB)|

VT 013 217
FULLER, GERALD R., AND OTHERS
EDUCATION REGARDING CREDIT FOR AGRICULTURAL PRODUCTION. TEACHING SOURCE UNIT III--1, 2, 3, AND 4.

ILLINOIS UNIV., URBANA. DIV. OF AGRICULTURAL EDUCATION.
ILLINOIS PRODUCTION CREDIT ASSOCIATIONS;FEDERAL INTERMEDIATE

CREDIT BANK OF ST. LOUIS, ILL.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURAL EDUCATION DIVISION, VOCATIONAL AND TECHNICAL EDUCATION DEPT., UNIVERSITY OF ILLINOIS, 357 EDUCATION BUILDING, URBANA, ILLINOIS 61801.
PUB DATE - ND 31P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL PRODUCTION; *TEACHING GUIDES; *CREDIT (FINANCE); *FARM MANAGEMENT; INSTRUCTIONAL MATERIALS; AGRICULTURAL MACHINERY; BUILDINGS; BIBLIOGRAPHIC CITATIONS

ABSTRACT - INTENDED FOR PERSONS RESPONSIBLE FOR CONDUCTING SYSTEMATIC PROGRAMS OF EDUCATION RELATING TO CREDIT FOR AGRICULTURAL PRODUCTION, THIS TEACHING GUIDE IS ONE IN A SERIES RESULTING FROM A COMPREHENSIVE RESEARCH PROJECT BEING CONDUCTED BY THE AGRICULTURAL EDUCATION DIVISION AT THE UNIVERSITY OF ILLINOIS. UNITS ARE: (1) ESTIMATING THE COST AND RETURNS OF FARM MACHINERY AND EQUIPMENT, (2) DETERMINING THE PROFITABILITY OF BORROWING MONEY TO PURCHASE FARM MACHINERY AND EQUIPMENT, (3) ESTIMATING THE COST AND RETURNS OF FARM BUILDINGS, AND (4) DETERMINING THE PROFITABILITY OF BORROWING MONEY TO CONSTRUCT NEW OR REMODEL EXISTING FARM BUILDINGS. CONTENT IS PRESENTED AS ANTICIPATED PROBLEMS AND CONCERNS IN QUESTION FORM WITH ACCOMPANYING TEACHING TECHNIQUES AND SOLUTION GUIDES FOR EACH OF THE PROBLEM AREAS. TEACHING OBJECTIVES AND SUGGESTED INTEREST APPROACHES ARE INCLUDED. OTHER RELATED TEACHING SOURCE UNITS ARE AVAILABLE IN THIS ISSUE AS VT 013 215, VT 013 216, AND VT 013 218. (GB)|

VT 013 218
FULLER, GERALD R., AND OTHERS
EDUCATION REGARDING CREDIT FOR AGRICULTURAL PRODUCTION. TEACHING SOURCE UNIT IV—1, 2, 3, 4, 5, AND 6.

ILLINOIS UNIV., URBANA. DIV. OF AGRICULTURAL EDUCATION.
ILLINOIS PRODUCTION CREDIT ASSOCIATION;FEDERAL INTERMEDIATE CREDIT BANK OF ST. LOUIS, ILL.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURAL EDUCATION DIVISION, VOCATIONAL AND TECHNICAL EDUCATION DEPARTMENT, UNIVERSITY OF ILLINOIS, 357 EDUCATION BUILDING, URBANA, ILLINOIS 61801.
PUB DATE - 67 60P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL PRODUCTION; *TEACHING GUIDES; *CREDIT (FINANCE); *FARM MANAGEMENT; FARM ACCOUNTS; RECORDS (FORMS); INSTRUCTIONAL MATERIALS; BIBLIOGRAPHIC CITATIONS; BUDGETS; BUDGETING

ABSTRACT - INTENDED FOR PERSONS RESPONSIBLE FOR CONDUCTING SYSTEMATIC PROGRAMS OF EDUCATION RELATING TO CREDIT FOR AGRICULTURAL PRODUCTION, THIS TEACHING GUIDE IS ONE IN A SERIES RESULTING FROM A COMPREHENSIVE RESEARCH PROJECT BEING CONDUCTED BY THE AGRICULTURAL EDUCATION DIVISION AT THE UNIVERSITY OF ILLINOIS. UNITS ARE: (1) PLANNING WHERE TO INVEST DOLLARS IN THE FARM BUSINESS TO OBTAIN HIGHEST RETURNS, (2) PREPARING TO SEEK CREDIT FOR AGRICULTURAL PRODUCTION, (3) PREPARING AN ANNUAL FARM OPERATING BUDGET, (4) PREPARING A FARM BUSINESS AND FAMILY LIVING CASH-FLOW BUDGET, (5) PROVIDING FOR SUFFICIENT MONEY TO MEET EMERGENCY BUSINESS AND FAMILY NEEDS, AND (6) DETERMINING A REPAYMENT PLAN FOR THE AGRICULTURAL PRODUCTION CREDIT OBTAINED. CONTENT IS PRESENTED AS ANTICIPATED PROBLEMS AND CONCERNS IN QUESTION FORM WITH ACCOMPANYING TEACHING TECHNIQUES AND SOLUTION GUIDES FOR EACH OF THE PROBLEM AREAS. TEACHING OBJECTIVES AND SUGGESTED INTEREST APPROACHES ARE INCLUDED. OTHER RELATED TEACHING SOURCE UNITS ARE AVAILABLE IN THIS ISSUE AS VT 013 215, VT 013 216, AND VT 013 217. (GB)|

VT 013 533
HORTICULTURE II, COURSE OF STUDY.

PITTSBURGH BOARD OF PUBLIC

EDUCATION, PA. DIV. OF CURRICULUM AND INSTRUCTION.
PENNSYLVANIA STATE DEPT. OF PUBLIC INSTRUCTION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL, AND CONTINUING EDUCATION
MF AVAILABLE IN VT-ERIC SET.
PITTSBURGH PUBLIC SCHOOLS, ADMINISTRATION BUILDING, BELLEFIELD AVENUE AT FORBES AVENUE, PITTSBURGH, PA. 15213 ($4.00, FOR LIBRARIES OF UNIVERSITIES AND SCHOOL DISTRICTS ONLY, ORDERS MUST BE PREPAID--MAKE CHECKS PAYABLE TO PITTSBURGH BOARD OF PUBLIC EDUCATION).
PUB DATE - NOV68 129P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *CURRICULUM GUIDES; *HORTICULTURE; *HIGH SCHOOLS; *ORNAMENTAL HORTICULTURE; FLORICULTURE; LANDSCAPING; GREENHOUSES; NURSERIES (HORTICULTURE); DIAGRAMS; BIBLIOGRAPHIC CITATIONS

ABSTRACT - THIS COURSE OF STUDY WAS DEVELOPED FOR PROGRAMS TEACHING HORTICULTURE IN HIGH SCHOOLS WHICH FOCUS UPON SATISFYING THOSE MARKETS DEMANDING SALABLE HORTICULTURE KNOWLEDGE AND SKILLS. A SECONDARY PURPOSE IS TO GIVE THE STUDENT AN AVOCATION IN HORTICULTURE FOR THE SAKE OF LIFE ENRICHMENT. UNIT TOPICS ARE: (1) THE HORTICULTURE INDUSTRY, (2) GREENHOUSE CROP PRODUCTION, (3) TURF ESTABLISHMENT AND MAINTENANCE, (4) WINTER CULTURE, (5) HORTICULTURE MECHANICS, (6) FLORISTRY, (7) LANDSCAPE DESIGN AND ESTABLISHMENT, (8) NURSERY PRODUCTION AND LANDSCAPE MAINTENANCE, (9) BEDDING PLANTS, AND (10) PRODUCTION GARDENING. THE CONTENT IS PRESENTED BY TOPICS FOR STUDY WITH SUGGESTED STUDENT LEARNING ACTIVITIES AND EVALUATING PROCEDURES. A RECOMMENDED TIME TABLE IS INCLUDED, AND A BIBLIOGRAPHY AND A SUGGESTED FACILITIES DIAGRAM ARE APPENDED. (GB)|

VT 013 582
TURNER, J. HOWARD;ANDERSON, CARL L.
PLANNING FOR AN IRRIGATION SYSTEM.

AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.;DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C. SOIL CONSERVATION SERVICE.
DOCUMENT NOT AVAILABLE FROM EDRS.
AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ENGINEERING CENTER, ATHENS, GA. 30601 ($6.50).
PUB DATE - JUN71 109P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *SUPPLEMENTARY TEXTBOOKS; *STUDY GUIDES; *SOIL CONSERVATION; *AGRICULTURAL PRODUCTION; AGRICULTURE; AGRONOMY; WATER RESOURCES; ILLUSTRATIONS; DIAGRAMS
IDENTIFIERS - *IRRIGATION; IRRIGATION SYSTEMS

ABSTRACT - WHEN PLANNING AN IRRIGATION SYSTEM, THERE ARE MANY DECISIONS TO BE MADE. THIS PUBLICATION IS DESIGNED TO HELP ONE MAKE DECISIONS IN THREE AREAS OF IRRIGATION. TOPICS ARE: (1) DETERMINING WHETHER OR NOT TO IRRIGATE, (2) DETERMINING WHAT TYPE OF IRRIGATION SYSTEM TO USE, AND (3) DETERMINING IRRIGATION COST AND RETURN ON INVESTMENT. NUMEROUS COLORED ILLUSTRATIONS AND DIAGRAMS ARE PRESENTED IN THE TEXT. (GB)|

VT 013 732
CAREERS AS AGRICULTURAL COMMODITY GRADERS IN THE CONSUMER AND MARKETING SERVICE, U.S. DEPARTMENT OF AGRICULTURE.

CIVIL SERVICE COMMISSION, CHICAGO, ILL.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 19APR71 7P.

DESCRIPTORS - *OFF FARM AGRICULTURAL OCCUPATIONS; *CAREER OPPORTUNITIES; *PROGRAM DESCRIPTIONS; *EMPLOYMENT QUALIFICATIONS; *AGRIBUSINESS; WORK EXPERIENCE; BULLETINS
IDENTIFIERS - *AGRICULTURAL COMMODITY GRADES

ABSTRACT - PREPARED BY THE U.S.

CIVIL SERVICE COMMISSION, THIS ANNOUNCEMENT COVERS CAREER AGRICULTURAL COMMODITY GRADER POSITIONS. THE SPECIALIZATIONS INCLUDED ARE: (1) PROCESSED FRUIT AND VEGETABLE, (2) FRESH FRUIT AND VEGETABLE, (3) EGG PRODUCTS, AND (4) GRAIN. ELIGIBILITY REQUIREMENTS, GRADING PROGRAMS, DESCRIPTION OF WORK, EXPERIENCE REQUIRED, AND OTHER PERTINENT INFORMATION IS INCLUDED. THE BULLETIN IS ILLUSTRATED WITH PHOTOGRAPHS. (GEB)|

VT 013 876
FOLLETT, ROY H.
LIMING ACID SOILS (SCRIPT FOR SLIDE SET).

OHIO STATE UNIV., COLUMBUS. COOPERATIVE EXTENSION SERVICE.
DOCUMENT NOT AVAILABLE FROM EDRS.
AGDEX 534
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 (SLIDES AND ILLUSTRATED SCRIPT $20.00)
PUB DATE - 71 36P.

DESCRIPTORS - *SLIDES; *AGRICULTURAL EDUCATION; INSTRUCTIONAL AIDS; *ILLUSTRATIONS; *SOIL SCIENCE; *SCRIPTS; INSTRUCTIONAL MATERIALS
IDENTIFIERS - *LIMING

ABSTRACT - THIS ILLUSTRATED SCRIPT WAS DEVELOPED BY THE DEPARTMENT OF AGRONOMY OF THE OHIO STATE UNIVERSITY FOR USE WITH A SERIES OF 117 COLOR SLIDES ON LIMING ACID SOILS. SECTION TITLES INCLUDE: (1) WHY TREAT ACID SOILS, (2) WHY RELIME, (3) SOIL TESTING, (4) HOW TO EVALUATE AGRICULTURAL LIMING MATERIALS, (5) WHERE DOES LIME COME FROM, (6) HOW TO APPLY LIME, AND (7) WHEN TO APPLY LIME. THE MATERIAL IS ORGANIZED SO THAT ANY SECTION MAY BE USED ALONE IN TEACHING A LESSON. THE COMPLETE SLIDE SET MAY BE OBTAINED FROM THE SOURCE OF AVAILABILITY INDICATED FOR THIS DOCUMENT. (AW)|

VT 013 877
FRIDLINE, CLARENCE
AN AID TO THE IDENTIFICATION OF 70 CROP AND WEED PLANTS.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.;OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 100/40
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($.75: SLIDES AND SCRIPT $12.90)
PUB DATE - 71 46P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *STUDY GUIDES; *PLANT IDENTIFICATION; *FIELD CROPS; *WEEDS; AGRICULTURAL PRODUCTION; AGRONOMY

ABSTRACT - THIS ILLUSTRATED MANUAL WAS PREPARED PRIMARILY FOR STUDENTS FIRST STUDYING PLANT IDENTIFICATION AND CONTAINS DESCRIPTIONS OF 70 PLANTS GROUPED AS EITHER DICOTYLEDONS OR MONOCOTYLEDONS AND THEN ACCORDING TO FAMILIES. THE DESCRIPTION OF EACH PLANT INCLUDES A LINE DRAWING, COMMON AND BOTANICAL NAMES, AND STATEMENTS OF THE PLANT'S VEGETATIVE AND REPRODUCTIVE STAGES, LIFE SPAN, HABITAT, AND IMPORTANCE AS A CROP OR PROBLEM AS A WEED. RECOMMENDED REFERENCES INCLUDE "FUNDAMENTALS OF PLANT IDENTIFICATION; A STUDENT STUDY GUIDE;" AVAILABLE IN THIS ISSUE AS VT 013 912 AND A STUDENT WORKBOOK, "FUNDAMENTALS OF PLANT IDENTIFICATION" AND TWO SLIDE SERIES, "SOME FUNDAMENTALS OF PLANT IDENTIFICATION" AND "SOME COMMON CROP AND WEED PLANTS," WHICH ARE ALL AVAILABLE FROM THE SOURCE LISTED ABOVE. (SB)|

VT 013 879
CAMPBELL, RANDALL G.;CURTIS, SAMUEL M.
MILK MARKETING FOR PENNSYLVANIA DAIRYMEN. STUDENT HANDBOOK.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION.

MF AVAILABLE IN VT-ERIC SET.
TEACHER-EDUC SER
THE PENNSYLVANIA STATE UNIVERSITY, DEPARTMENT OF AGRICULTURAL EDUCATION, 101 AGRICULTURAL EDUCATION BUILDING, UNIVERSITY PARK, PENNSYLVANIA 16802 ($1.25)
PUB DATE - 71 84P.

DESCRIPTORS - *STUDY GUIDES; *AGRICULTURAL PRODUCTION; *DAIRYMEN; SECONDARY GRADES; POST SECONDARY EDUCATION; *AGRICULTURAL EDUCATION; *MARKETING
IDENTIFIERS - PENNSYLVANIA

ABSTRACT - DEVELOPED BY AN ASSISTANT PROFESSOR AND A GRADUATE ASSISTANT IN AGRICULTURAL EDUCATION, THROUGH A GRANT FROM THE DEPARTMENT OF PUBLIC EDUCATION, THIS STUDENT HANDBOOK IS FOR USE IN PENNSYLVANIA HIGH SCHOOL AND ADULT CLASSES IN AGRICULTURAL PRODUCTION. CONTENTS ARE ORGANIZED FOR MAXIMUM PARTICIPATION OF CLASSES IN THE PROCESSES INVOLVED IN PRICING AND MARKETING MILK, INCLUDING UNITS ON: (1) DAIRY PRODUCTION PRINCIPLES AND CONSUMER TRENDS RELATING TO MILK MARKETING, (2) PRODUCER INTERESTS IN MILK PROCESSING AND MANUFACTURE, (3) DAIRY PRODUCTS, AND (4) FEDERAL, STATE, AND LOCAL AGENCIES AFFECTING THE FLUID MILK INDUSTRY. SELECTED REFERENCES AND A GLOSSARY OF MILK MARKETING TERMS ARE PROVIDED, AND SAMPLE PRICE CALCULATIONS AND SANITATION INSPECTION SHEET ARE APPENDED. THE HANDBOOK IS ILLUSTRATED WITH NUMEROUS PHOTOGRAPHS. THE RELATED TEACHER'S GUIDE IS AVAILABLE IN THIS ISSUE AS VT 014 454. (AW)|

VT 013 892
SOIL AND ITS PROPERTIES.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.;OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.
DOCUMENT NOT AVAILABLE FROM EDRS.
AGDEX 500
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 (SLIDES AND ILLUSTRATED SCRIPT $10.75)
PUB DATE - 71 10P.

DESCRIPTORS - *SLIDES; *AGRICULTURAL EDUCATION; *SCRIPTS; *SOIL SCIENCE; *ILLUSTRATIONS; INSTRUCTIONAL MATERIALS; INSTRUCTIONAL AIDS

ABSTRACT - THIS ILLUSTRATED SCRIPT WAS DEVELOPED BY AN AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE IN COOPERATION WITH AN EXTENSION AGRONOMIST FOR USE WITH A SERIES OF 65 COLOR SLIDES ILLUSTRATING THE IMPORTANCE OF UNDERSTANDING SOIL PROPERTIES FOR GOOD CROP PRODUCTION, BUILDING HIGHWAYS, AND EARTHEN STRUCTURE. DESIGNED FOR USE IN COURSES REQUIRING A BASIC KNOWLEDGE OF SOILS, THE MATERIAL IS DIVIDED INTO FIVE SUB-AREAS. INCLUDING: (1) SOIL HORIZONS, (2) SOIL COLOR AND DRAINAGE, (3) SOIL TEXTURE, (4) SOIL STRUCTURE, AND (5) SOIL MOISTURE. THE COMPLETE SLIDE SET MAY BE OBTAINED FROM THE SOURCE OF AVAILABILITY GIVEN FOR THIS DOCUMENT. (AW)|

VT 013 894
FREEMAN, PAUL, AND OTHERS
INTRODUCTION TO THE FARM BUSINESS PLANNING AND ANALYSIS PROGRAM AND TEACHING UNITS, UNITS I-III.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.;OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.
MF AVAILABLE IN VT_ERIC SET.
AGDEX 810
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($5.00)
PUB DATE - 71 312P.

DESCRIPTORS - *TEACHING GUIDES; *FARM MANAGEMENT; *ADULT FARMER EDUCATION; *YOUNG FARMER EDUCATION; *FARM ACCOUNTS; AGRICULTURAL EDUCATION

ABSTRACT - A REVISION OF VT 007 717 (AIM SPRING 1969), THIS SET OF TEACHING UNITS IS DESIGNED

PRIMARILY TO ASSIST VOCATIONAL AGRICULTURE TEACHERS IN CONDUCTING FARM BUSINESS ANALYSIS PROGRAMS FOR YOUNG AND ADULT FARMERS. SOME OF THE 41 UNITS MAY ALSO BE USED IN TEACHING FARM MANAGEMENT ON THE HIGH SCHOOL LEVEL. CONTENTS ARE ORGANIZED IN THREE SECTIONS: (1) KEEPING COMPLETE FARM BUSINESS ACCOUNTS (14 UNITS), (2) SUMMARY AND ANALYSIS OF FARM BUSINESS RECORDS (15 UNITS), AND (3) PLANNING AND REORGANIZATION OF THE FARM BUSINESS (12 UNITS). EACH UNIT PROVIDES UNIT OBJECTIVE, TEACHING SUGGESTIONS, SUBJECT MATTER, AND REFERENCES, AND MANY ARE ILLUSTRATED WITH GRAPHS, CHARTS, AND TABLES. A RELATED SET OF TRANSPARENCY MASTERS IS AVAILABLE IN THIS ISSUE AS VT 013 895. (AW)|

VT 013 895
STARLING, JOHN, AND OTHERS
INTERPRETATION OF FARM BUSINESS ANALYSIS TRANSPARENCY MASTERS.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.;OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.
MF AVAILABLE IN VT_ERIC SET.
AGDEX 810
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($1.00)
PUB DATE - 71 20P.

DESCRIPTORS - *TRANSPARENCIES; *AGRICULTURAL EDUCATION; *FARM MANAGEMENT; *FARM ACCOUNTS; INSTRUCTIONAL AIDS; BUSINESS SUBJECTS; ADULT FARMER EDUCATION; YOUNG FARMER EDUCATION

ABSTRACT - INSTRUCTIONAL AIDS PRODUCED FROM THESE 12 TRANSPARENCY MASTERS MAY BE USED BY VOCATIONAL AGRICULTURE TEACHERS PRESENTING FARM BUSINESS ANALYSIS PROGRAMS FOR YOUNG AND ADULT FARMERS. THE MASTERS COVER SUCH ASPECTS OF FARM BUSINESS AS: (1) GROSS INCOME, (2) OVERHEAD AND OPERATING EXPENSES, (3) FAMILY LABOR AND MANAGEMENT INCOME AS PART OF GROSS INCOME, (4) FIXED AND VARIABLE COSTS, (5) OPERATING RATIO, AND (6) PROJECTED 1975 LABOR AND MANAGEMENT INCOME FOR A DAIRY ENTERPRISE. DESCRIPTIONS ARE PROVIDED FOR THOSE ILLUSTRATIONS REQUIRING ADDITIONAL EXPLANATION. A RELATED DOCUMENT, AVAILABLE IN THIS ISSUE, IS VT 013 894. (AW)|

VT 013 904
PLOWS AND PLOWING TRANSPARENCIES.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.;OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
DOCUMENT NOT AVAILABLE FROM EDRS.
AGDEX 741
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($5.00)
PUB DATE - 71 39P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *AGRICULTURAL ENGINEERING; *FARM MECHANICS (OCCUPATION); *AGRICULTURAL MACHINERY; *TRANSPARENCIES; INSTRUCTIONAL AIDS; EQUIPMENT MAINTENANCE; EQUIPMENT UTILIZATION

ABSTRACT - THIS SET OF 39 TRANSPARENCIES AND MASTERS IS DESIGNED TO BE USED WITH THE BOOK, "PLOWS AND PLOWING," WHICH IS AVAILABLE AS VT 009 567. THE TRANSPARENCIES COVER SUCH TOPICS AS: (1) PLACEMENT OF ORGANIC MATTER, (2) TYPES OF MOLDBOARDS, (3) VERTICAL, HORIZONTAL, AND LONGITUDINAL FORCES ACTING UPON THE PLOW BOTTOM, (4) SIDEDRAFT PLACED IN BOTH PLOW AND TRACTOR, (5) COULTER ADJUSTMENT, AND (6) FINISHING OFF THE LAND. MASTER SHEETS WITH AN ILLUSTRATION ON ONE SIDE AND DESCRIPTION AND PAGE REFERENCE TO THE BOOK ON THE OTHER SIDE ARE INCLUDED IN THE SET. (SB)|

VT 013 905
THE LATE GROWTH OF CORN.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.;OHIO

STATE DEPT. OF EDUCATION, COLUMBUS.
AGRICULTURAL EDUCATION SERVICE.
DOCUMENT NOT AVAILABLE FROM EDRS.
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 (SLIDES AND ILLUSTRATED SCRIPT $5.00)
PUB DATE - 71 44P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *SLIDES; COLOR PRESENTATION; *INSTRUCTIONAL AIDS; *AGRICULTURAL PRODUCTION; *CORN (FIELD CROP); PLANTING; HARVESTING

ABSTRACT - THIS DOCUMENT IS THE SCRIPT FOR A SERIES OF 28 COLOR SLIDES SHOWING THE DEVELOPMENT OF THE CORN PLANT FROM FERTILIZATION TO MATURITY. A GLOSSARY OF TECHNICAL TERMS IS INCLUDED, AND A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 013 906. (SB)|

VT 013 906
THE EARLY GROWTH OF CORN.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.;OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.
DOCUMENT NOT AVAILABLE FROM EDRS.
AGDEX 111
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 (SLIDES AND ILLUSTRATED SCRIPT $4.60)
PUB DATE - 71 8P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *SLIDES; COLOR PRESENTATION; *INSTRUCTIONAL AIDS; *AGRICULTURAL PRODUCTION; *CORN (FIELD CROP); PLANTING

ABSTRACT - THIS DOCUMENT IS THE SCRIPT FOR A SERIES OF 26 COLOR SLIDES SHOWING THE DEVELOPMENT OF THE CORN PLANT FROM GERMINATION TO POLLINATION. A GLOSSARY OF TECHNICAL TERMS IS INCLUDED, AND A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 013 905. (SB)|

VT 013 907
ROEDIGER, ROGER D.
LIVESTOCK BREEDING, TRANSPARENCIES.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.;OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.
DOCUMENT NOT AVAILABLE FROM EDRS.
AGDEX 400/30
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($5.50)
PUB DATE - 71 36P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *TRANSPARENCIES; INSTRUCTIONAL AIDS; *LIVESTOCK; *AGRICULTURAL PRODUCTION

ABSTRACT - THIS SET OF 37 TRANSPARENCIES AND MASTERS IS DESIGNED TO BE USED WITH THE BOOK, "LIVESTOCK BREEDING," WHICH IS AVAILABLE AS VT 004 156. THE TRANSPARENCIES COVER SUCH TOPICS AS: (1) THE PROFIT PUZZLE, (2) RATE OF GAIN INCREASES PRODUCTION, (3) BODY GROWTH FROM CELL DIVISION, (4) MALE AND FEMALE REPRODUCTIVE ORGANS, (5) NORMAL AND ABNORMAL BIRTH POSITIONS, (6) CHANGING MARKER COLOR ON RAM, (7) SWINE HERITABILITY, AND (8) CUTTING THE GENETIC PROGRESS INTO YEARLY AMOUNTS. MASTER SHEETS WITH AN ILLUSTRATION ON ONE SIDE AND A DESCRIPTION AND PAGE REFERENCE TO THE BOOK ON THE OTHER SIDE ARE INCLUDED IN THE SET. (SB)|

VT 013 912
FRIDLINE, CLARENCE R.
FUNDAMENTALS OF PLANT IDENTIFICATION; A STUDENT STUDY GUIDE.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.;OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 100/40
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE

ROAD, COLUMBUS, OHIO 43210 ($0.25)
PUB DATE - 71 19P.1971
REVISION

DESCRIPTORS - *AGRICULTURAL EDUCATION; *STUDY GUIDES; *PLANT IDENTIFICATION; *WEEDS; *FIELD CROPS; AGRICULTURAL PRODUCTION; AGRONOMY

ABSTRACT - THIS STUDY GUIDE WAS PREPARED FOR STUDENTS TO USE IN LEARNING THE NAMES AND DESCRIPTIONS OF COMMON PLANT PARTS AND IN IDENTIFYING MANY COMMON CROP AND WEED PARTS. THE ILLUSTRATED MANUAL EMPHASIZES THE VEGETATIVE GROWTH, REPRODUCTIVE OR FLOWER, AND SEED STAGES OF THE DICOTYLEDONS, WHICH ARE PLANTS WITH BROAD, GENERALLY NET-VIENED LEAVES, AND THE MONOCETYLEDONS, WHICH ARE GRASS OR GRASS-LIKE PLANTS WITH LONG NARROW LEAVES AND PARALLEL VEINING IN THE LEAVES. RECOMMENDED RESOURCES INCLUDE "AN AID TO THE IDENTIFICATION OF 70 CROP AND WEED PLANTS," AVAILABLE AS VT 013 877 IN THIS ISSUE AND A STUDENT WORKBOOK, "FUNDAMENTALS OF PLANT IDENTIFICATION" AND TWO SLIDE SERIES, "SOME FUNDAMENTALS OF PLANT IDENTIFICATION" AND "SOME COMMON CROP AND WEED PLANTS," WHICH ARE ALL AVAILABLE FROM THE SOURCE LISTED ABOVE. (SB)|

VT 013 944
VOCATIONAL AGRICULTURE II: A CURRICULUM GUIDE FOR 10TH GRADE.

OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION, STILLWATER. CURRICULUM AND INSTRUCTIONAL MATERIALS CENTER.;OKLAHOMA STATE UNIV., STILLWATER. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CURRICULUM AND INSTRUCTIONAL MATERIALS CENTER, STATE DEPARTMENT OF VOCATIONAL AND TECHNICAL EDUCATION, 1515 WEST 6TH AVENUE, STILLWATER, OKLAHOMA 74074 ($10.00)
PUB DATE - 71 542P.

DESCRIPTORS - VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; *TEACHING GUIDES; CLASS ORGANIZATION; *TEACHING TECHNIQUES; *INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; LEADERSHIP; *ANIMAL SCIENCE; PLANT SCIENCE; SOIL SCIENCE; SUPERVISED FARM PRACTICE; EDUCATIONAL OBJECTIVES; TESTS; ASSIGNMENTS

ABSTRACT - PREPARED THROUGH A STATE DEPARTMENT OF VOCATIONAL AGRICULTURE, THIS TEACHING GUIDE IS DESIGNED TO PROVIDE A BASIC CORE OF INSTRUCTION FOR VOCATIONAL AGRICULTURE STUDENTS IN OKLAHOMA. PRESENTED IN A COLOR-CODED FORMAT, UNITS IN THE COURSE OF STUDY COVER SIX TOPICS ON: (1) AGRICULTURAL CHEMICALS, (2) LEADERSHIP, (3) SUPERVISED FARM TRAINING, (4) PLANT AND SOIL SCIENCE, (5) ANIMAL SCIENCE, AND (6) AGRICULTURAL MECHANICS. THE TEACHING GUIDE IS DESIGNED TO ACCOUNT FOR 60 PERCENT OF THE INSTRUCTOR'S TIME WITH THE REMAINING 40 PERCENT TO BE USED BY THE INDIVIDUAL INSTRUCTOR ACCORDING TO THE DEMANDS OF HIS LOCAL COMMUNITY. EACH INSTRUCTIONAL UNIT INCLUDES: (1) OBJECTIVES, (2) SUGGESTED ACTIVITIES, (3) INFORMATION SHEETS, (4) ASSIGNMENT SHEETS, (5) JOB SHEETS, (6) TRANSPARENCY MASTERS, (7) TEST, AND (8) TEST ANSWERS. EACH UNIT HAS A SUGGESTED TEACHING TIME IN TERMS OF HOURS OF INSTRUCTION. A RELATED DOCUMENT IS AVAILABLE AS VT 011 981 (AIM SPRING 1971). (JS)|

VT 014 007
CLARK, RAYMOND M., AND OTHERS
SOURCE UNITS FOR PLANT SCIENCE. AGRICULTURAL EDUCATION SOURCE UNITS NUMBER 3: PLANT SCIENCE.

MICHIGAN STATE UNIV., EAST LANSING. BUREAU OF EDUCATIONAL RESEARCH.
MF AVAILABLE IN VT-ERIC SET.
EDUCATIONAL PUBLICATION SERVICES, COLLEGE OF EDUCATION, MICHIGAN STATE UNIVERSITY, ERICKSON HALL, EAST LANSING, MICHIGAN 48823 ($1.50)
PUB DATE - JUL67 55P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *TEACHING GUIDES;

SECONDARY EDUCATION; INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; *RESOURCE UNITS; OCCUPATIONAL INFORMATION; OFF FARM AGRICULTURAL OCCUPATIONS; AGRICULTURAL EDUCATION; *PLANT SCIENCE; *TEACHING TECHNIQUES; SUPERVISED FARM PRACTICE; EDUCATIONAL OBJECTIVES; CONCEPT TEACHING; BIBLIOGRAPHIES

ABSTRACT - DESIGNED FOR STUDENTS AT THE NINTH GRADE LEVEL, THESE SOURCE UNITS IN APPLIED PLANT SCIENCE WERE DEVELOPED TO ASSIST TEACHERS IN PRESENTING BASIC PRINCIPLES OF AGRICULTURAL CROP PRODUCTION AND IN DEVELOPING UNDERSTANDINGS AND ABILITIES RELATED TO BOTH PRODUCTION AGRICULTURE AND OFF-FARM AGRICULTURAL OCCUPATIONS. EACH UNIT INCLUDED IN THIS TEACHING GUIDE PROVIDES A SUBJECT-MATTER OUTLINE, OBJECTIVES, PRINCIPLES OF AGRICULTURAL CROP PRODUCTION, PROBLEMS AND QUESTIONS AND SUGGESTED ACTIVITIES TO DEMONSTRATE VARIOUS PRINCIPLES. WITH EMPHASIS PLACED ON LEARNING-BY-DOING, CLASSROOM INSTRUCTION IS COMBINED WITH LABORATORY DEMONSTRATIONS AND PRACTICAL EXPERIENCES THROUGH THE USE OF THE HOME FARM, FARM PLACEMENT, THE LAND LABORATORY, FOREST, GREENHOUSE, AND NURSERY. AMONG THE 10 UNITS FOUND IN THIS TEACHING GUIDE ARE: (1) CONDITIONS AFFECTING AGRICULTURAL CROP PRODUCTION, (2) GERMINATION AND STORAGE OF SEEDS, (3) NUTRITION OF AGRICULTURAL PLANTS, (4) PLANT IMPROVEMENT, AND (5) OCCUPATIONAL OPPORTUNITIES IN PLANT SCIENCE. A BIBLIOGRAPHY IS ALSO INCLUDED. (JS)|

VT 014 008
CLARK, RAYMOND M., AND OTHERS
SOURCE UNITS FOR THE BEEF ENTERPRISE. AGRICULTURAL EDUCATION SOURCE UNITS NUMBER 4: THE BEEF ENTERPRISE.

MICHIGAN STATE UNIV., EAST LANSING. EDUCATIONAL PUBLICATION SERVICES.
MF AVAILABLE IN VT-ERIC SET.
EDUCATIONAL PUBLICATION SERVICES, COLLEGE OF EDUCATION, MICHIGAN STATE UNIVERSITY, ERICKSON HALL, EAST LANSING, MICHIGAN 48823 ($1.50)
PUB DATE - SEP67 52P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *TEACHING GUIDES; SECONDARY EDUCATION; INSTRUCTIONAL MATERIALS; *RESOURCE UNITS; OCCUPATIONAL INFORMATION; AGRICULTURAL EDUCATION; EDUCATIONAL OBJECTIVES; *TEACHING TECHNIQUES; BIBLIOGRAPHIES; *ANIMAL SCIENCE; LIVESTOCK; AGRIBUSINESS; AGRICULTURAL PRODUCTION; OFF FARM AGRICULTURAL OCCUPATIONS
IDENTIFIERS - BEEF INDUSTRY

ABSTRACT - DEVELOPED THROUGH COOPERATIVE EFFORTS OF THE AGRICULTURAL EDUCATION SERVICE AND THE COLLEGE OF AGRICULTURE, THIS TEACHING GUIDE INCLUDES NINE UNITS ON THE BASIC KNOWLEDGE AND PRINCIPLES OF PROFITABLE BEEF PRODUCTION. THE FORMAT OF THE SOURCE UNITS PROVIDES PRINCIPLES, OBJECTIVES, QUESTIONS, PROBLEMS, AND SUGGESTED ACTIVITIES. TOPICS OF THE UNITS ARE: (1) MANAGING THE COMMERCIAL BEEF COW HERD, (2) IMPROVING PRODUCTION AND QUALITY THROUGH SELECTION AND PRODUCTION TESTING, (3) ARTIFICIAL INSEMINATION, (4) CATTLE FEEDING MANAGEMENT, (5) FEEDER CALF PRODUCTION, (6) MARKETING FEEDER CATTLE, (7) FEED LOT PLANNING, (8) HEALTH AND SANITATION, AND (9) BEEF INDUSTRY OCCUPATIONS. ALSO INCLUDED ARE A BIBLIOGRAPHY AND A LIST OF REFERENCE MATERIALS. (JS)|

VT 014 009
CLARK, RAYMOND M.;SHEPPARD, CHARLES
SOURCE UNITS FOR THE POULTRY INDUSTRY. AGRICULTURAL EDUCATION SOURCE UNITS NUMBER 5: THE POULTRY INDUSTRY.

MICHIGAN STATE UNIV., EAST LANSING. EDUCATIONAL PUBLICATION SERVICES.
MF AVAILABLE IN VT-ERIC SET.
EDUCATIONAL PUBLICATION SERVICES, COLLEGE OF EDUCATION, MICHIGAN STATE UNIVERSITY, ERICKSON HALL, EAST LANSING, MICHIGAN 48823
($1.50)

PUB DATE - SEP67 38P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *TEACHING GUIDES; SECONDARY EDUCATION; INSTRUCTIONAL MATERIALS; EDUCATIONAL OBJECTIVES; *RESOURCE UNITS; OCCUPATIONAL INFORMATION; OFF FARM AGRICULTURAL OCCUPATIONS; *TEACHING TECHNIQUES; BIBLIOGRAPHIES; *ANIMAL SCIENCE; AGRICULTURAL EDUCATION; AGRIBUSINESS; AGRICULTURAL PRODUCTION
IDENTIFIERS - POULTRY INDUSTRY

ABSTRACT - PREPARED FOR USE AS A TEACHING GUIDE, THESE SOURCE UNITS WERE PLANNED TO HELP STUDENTS DEVELOP AN AWARENESS OF THE TOTAL POULTRY INDUSTRY AND TO DISCOVER THE ABILITIES NEEDED BY WORKERS IN THE NON-FARM ASPECTS OF THE INDUSTRY. THE SEVEN UNITS INCLUDED IN THIS SERIES REPRESENT THE MOST IMPORTANT UNDERSTANDINGS AND ABILITIES NEEDED BY BOTH PRODUCERS AND BEGINNING WORKERS AND COVER TOPICS ON: (1) OCCUPATIONS IN THE POULTRY INDUSTRY, (2) FEEDING THE LAYING FLOCK, (3) HOUSING AND PRODUCTION EQUIPMENT FOR THE LAYING FLOCK, (4) KEEPING THE POULTRY FLOCK HEALTHY, (5) BROILER PRODUCTION, (6) PRODUCING QUALITY EGGS, AND (7) ESTABLISHMENT IN THE POULTRY ENTERPRISE. THE COLOR-CODED UNITS ALSO PROVIDE OBJECTIVES, PROBLEMS, QUESTIONS, AND STUDENT ACTIVITIES. A BIBLIOGRAPHY AND A LIST OF SUPPLEMENTAL MATERIALS ARE APPENDED. (JS)|

VT 014 010
CLARK, RAYMOND M., AND OTHERS
SOURCE UNITS IN ANIMAL SCIENCE. AGRICULTURAL EDUCATION SOURCE UNITS NUMBER 6: ANIMAL SCIENCE.

MICHIGAN STATE UNIV., EAST LANSING. BUREAU OF EDUCATIONAL RESEARCH.
MF AVAILABLE IN VT-ERIC SET.
EDUCATIONAL PUBLICATION SERVICES, COLLEGE OF EDUCATION, MICHIGAN STATE UNIVERSITY, ERICKSON HALL, EAST LANSING, MICHIGAN 48823
PUB DATE - APR68 71P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *TEACHING GUIDES; SECONDARY EDUCATION; INSTRUCTIONAL MATERIALS; *RESOURCE UNITS; *ANIMAL SCIENCE; *TEACHING TECHNIQUES; OCCUPATIONAL INFORMATION; BIBLIOGRAPHIES; EDUCATIONAL OBJECTIVES; OFF FARM AGRICULTURAL OCCUPATIONS; SUPERVISED FARM PRACTICE; LIVESTOCK

ABSTRACT - PREPARED AS A TEACHING GUIDE, THESE SOURCE UNITS IN APPLIED ANIMAL SCIENCE WERE DEVELOPED TO ASSIST TEACHERS IN PRESENTING BASIC PRINCIPLES OF LIVESTOCK PRODUCTION AND TO DEVELOP UNDERSTANDINGS AND ABILITIES RELATED TO BOTH PRODUCTION AGRICULTURE AND OFF-FARM AGRICULTURAL OCCUPATIONS. DESIGNED FOR STUDENTS AT THE NINTH OR TENTH GRADE LEVEL, THE GUIDE CONSISTS OF A SERIES OF UNITS WITH EACH UNIT INCLUDING A SUBJECT-MATTER OUTLINE, OBJECTIVES, PRINCIPLES OF LIVESTOCK PRODUCTION, PROBLEMS AND QUESTIONS, AND SUGGESTED ACTIVITIES. THE UNITS COMBINE CLASSROOM INSTRUCTION WITH LABORATORY DEMONSTRATIONS AND THE USE OF THE HOME FARM, THE LAND LABORATORY, AND PLACEMENT FOR OCCUPATIONAL EXPERIENCE. THE 10 UNITS COVER TOPICS SUCH AS: (1) THE IMPORTANCE OF ANIMALS IN THE ECONOMY, (2) ANIMALS FOR MILK, EGG AND MEAT PRODUCTION, (3) ANIMAL NUTRITION, (4) ANIMAL BREEDING: PRODUCTION RECORDS, AND (5) CAREERS IN ANIMAL INDUSTRIES. A BIBLIOGRAPHY INCLUDING BOOKS, BULLETINS, MIMEOS, AND VISUAL MATERIALS IS INCLUDED FOR THE TEACHER'S USE. (AUTHOR/JS)|

VT 014 067
WOODIN, RALPH J., ED., AND OTHERS
CONSUMER EDUCATION IN AGRICULTURE. THE VOCATIONAL AGRICULTURE SUPPLEMENT TO THE CONSUMER EDUCATION CURRICULUM GUIDE FOR OHIO.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 95P.

DESCRIPTORS - *CURRICULUM GUIDES; *TEACHING GUIDES; *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *CONSUMER EDUCATION; *CONSUMER ECONOMICS; *AGRIBUSINESS; *SECONDARY GRADES

ABSTRACT - DEVELOPED BY VOCATIONAL AGRICULTURE TEACHERS WITH THE AID OF STATE AGRICULTURAL EDUCATION STAFF, THIS SUPPLEMENT TO VT 012 356 (AIM SUMMER 1971) IS INTENDED TO ASSIST OHIO TEACHERS IN IMPROVING HIGH SCHOOL VOCATIONAL AGRICULTURE CURRICULUMS BY INCORPORATING APPROPRIATE SEGMENTS OF CONSUMER EDUCATION. CONTENTS INCLUDE SIX UNITS, COVERING: (1) THE ECONOMIC SYSTEM, (2) INCOME PROCUREMENT, (3) CONSUMER ALTERNATIVES, (4) CONSUMER BEHAVIOR DETERMINANTS, (5) ROLES, RIGHTS, AND RESPONSIBILITIES, AND (6) COMMUNITY RESOURCES, WITH UNITS SET UP IN AN OUTLINE FORMAT CONSISTING OF OBJECTIVES, CONCEPTS, GRADE LEVEL, SUGGESTED LEARNING AND EVALUATION EXPERIENCES, AND SUGGESTED RESOURCES. SEVERAL OF THE UNITS ALSO INCLUDE ILLUSTRATIONS WHICH MAY BE USED AS TRANSPARENCY MASTERS FOR OVERHEAD PROJECTION. A SELECTED BIBLIOGRAPHY IS PROVIDED AND SUGGESTED TEACHING PLANS FOR SEVEN AREAS OF CONSUMER EDUCATION IN AGRICULTURE ARE APPENDED. (AW)

VT 014 070   ED 056 190
WILLIAMS, DAVID L., AND OTHERS
CURRICULUM MATERIALS FOR TEACHING STUDENTS THE COMPETENCIES NEEDED FOR EMPLOYMENT IN NONFARM AGRICULTURAL BUSINESS. FINAL REPORT.

ILLINOIS UNIV., URBANA. DIV. OF AGRICULTURAL EDUCATION.
ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD. PROFESSIONAL AND CURRICULUM DEVELOPMENT UNIT
EDRS PRICE MF-$0.65 HC-$6.58.
DIVISION OF AGRICULTURAL EDUCATION, 357 AGRICULTURE EDUCATION BUILDING, UNIVERSITY OF ILLINOIS, URBANA ILLINOIS 61801 (LIMITED NUMBER OF COPIES AVAILABLE WITHOUT CHARGE)
PUB DATE - JUL71 120P.

DESCRIPTORS - AGRICULTURAL EDUCATION; OFF FARM AGRICULTURAL OCCUPATIONS; *VOCATIONAL AGRICULTURE; CURRICULUM DEVELOPMENT; *TEACHING GUIDES; INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; EDUCATIONAL OBJECTIVES; PERFORMANCE SPECIFICATIONS; *BEHAVIORAL OBJECTIVES; TASK ANALYSIS; *AGRIBUSINESS; *RESEARCH UTILIZATION; SALESMANSHIP; HUMAN RELATIONS; TECHNICAL EDUCATION; SECONDARY EDUCATION

ABSTRACT - DEVELOPED BY MEANS OF A RESEARCH PROJECT, THIS TEACHING GUIDE INCLUDES FIVE INSTRUCTIONAL MODULES IN WHICH COMPETENCIES FOR AGRIBUSINESS OCCUPATIONS ARE STRESSED. THESE COMPETENCIES WERE IDENTIFIED FROM A REVIEW OF THE LITERATURE AND EVALUATED BY A JURY OF TEACHERS AND AGRIBUSINESSMEN IN TERMS OF QUALIFICATIONS NEEDED FOR ENTRY-LEVEL EMPLOYMENT. USING A LIKERT-TYPE RATING SCALE, COMPETENCIES WERE IDENTIFIED FOR THE FOLLOWING AREAS OR MODULES: (1) HUMAN RELATIONS IN AGRIBUSINESS, (2) COMMUNICATIONS IN AGRIBUSINESS, (3) AGRICULTURAL SALESMANSHIP, (4) AGRICULTURAL SALES PROMOTION, AND (5) AGRIBUSINESS OPERATIONS. THE FIVE MODULES ARE FURTHER DIVIDED INTO 40 INSTRUCTIONAL AREAS WHICH INCLUDE A LIST OF COMPETENCIES TO BE DEVELOPED, RECOMMENDED REFERENCES, SUPPLEMENTARY REFERENCES, AND SUGGESTED LEARNING ACTIVITIES. THE FINAL REPORT OF THE RESEARCH EFFORTS, WHICH IDENTIFIED THE NEEDED COMPETENCIES FOR A SECONDARY EDUCATION PROGRAM IN AGRIBUSINESS, IS INCLUDED IN THIS DOCUMENT. (JS)

VT 014 115
FACINELLI, JAMES W.
SOURCE UNIT IN BREEDING BEEF PRODUCTION.

COLORADO STATE UNIV., FT. COLLINS. DEPT. OF VOCATIONAL EDUCATION.;COLORADO STATE BOARD FOR COMMUNITY COLLEGES AND OCCUPATIONAL EDUCATION, DENVER.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 35P.

DESCRIPTORS - RESOURCE MATERIALS; *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *TEACHING GUIDES; SECONDARY GRADES; *INSTRUCTIONAL MATERIALS; AGRICULTURAL PRODUCTION; ANIMAL SCIENCE; MEAT
IDENTIFIERS - BEEF PRODUCTION

ABSTRACT - DEVELOPED BY A GRADUATE STUDENT, THIS SOURCE UNIT WAS PREPARED AS A GUIDE TO HELP VOCATIONAL AGRICULTURE TEACHERS ANALYZE THE AREA OF BREEDING BEEF PRODUCTION AND TO ORGANIZE LESSON UNITS FOR INSTRUCTION. SUGGESTED OBJECTIVES, MOTIVATIONAL TECHNIQUES, STUDY GUIDES, AND PLANS OF ACTION ARE INCLUDED. (BH)|

VT 014 130
IMPROVEMENT PROJECTS IN VOCATIONAL AGRICULTURE.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-.40/24
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - SEP71 16P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *IMPROVEMENT PROGRAMS; *TEACHER ROLE; *STUDENT PROJECTS; CLASSROOM GUIDANCE PROGRAMS; RECORDS (FORMS); EVALUATION NEEDS; OCCUPATIONAL INFORMATION

ABSTRACT - PREPARED BY AN AGRICULTURAL DEPARTMENT, THIS PUBLICATION IS INTENDED TO HELP TEACHERS TO MAKE IMPROVEMENT PROJECTS MORE MEANINGFUL TO THEIR STUDENTS. ANSWERS TO SOME COMMON QUESTIONS OF TEACHERS ON IMPROVEMENT PROJECTS ARE PROVIDED, AND CONSIDERATION IS GIVEN TO GUIDING STUDENTS AS THEY SELECT, PLAN, CARRY OUT AND EVALUATE SUCH PROJECTS. THE CONTENTS ARE LISTED UNDER SIX MAJOR HEADINGS: (1) THE IMPORTANCE OF IMPROVEMENT PROJECTS; (2) GUIDING STUDENTS IN THE SELECTION OF IMPROVEMENT PROJECTS, (3) ASSISTING STUDENTS IN PLANNING FOR IMPROVEMENT PROJECTS, (4) SUPERVISING IMPROVEMENT PROJECTS, (5) HELPING STUDENTS KEEP APPROPRIATE RECORDS IN IMPROVEMENT PROJECTS, AND (6) EVALUATING IMPROVEMENT PROJECTS. (GEB)|

VT 014 137
DOWNS, ELVIN
A COURSE OF STUDY GUIDE FOR TEACHING ANIMAL SCIENCE IN VOCATIONAL AGRICULTURE.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY. OFFICE OF VOCATIONAL-TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - SEP70 75P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *INSTRUCTIONAL MATERIALS; REFERENCE MATERIALS; STUDY GUIDES; *TEACHING GUIDES; *ANIMAL SCIENCE; OCCUPATIONAL INFORMATION; WORK EXPERIENCE; LIVESTOCK

ABSTRACT - ONE OF 10 COURSE OF STUDY GUIDES DEVELOPED BY THE DIVISION OF DISTRICT PROGRAMS THROUGH ORGANIZED CONFERENCES AND WORKSHOPS WITH TEACHERS AND AUTHORS, THIS GUIDE IS FOR INSTRUCTOR USE IN TEACHING ANIMAL SCIENCE IN VOCATIONAL AGRICULTURE. TWELVE OF THE 13 INSTRUCTIONAL UNITS IN THIS DOCUMENT INCLUDE BOTH CURRICULAR AND STUDENT BEHAVIORAL OBJECTIVES, STUDENT LEARNING ACTIVITIES, LEARNING MATERIALS, TEACHER MANAGEMENT ACTIVITIES, REFERENCES AND SUGGESTED EVALUATIVE PROCEDURES. THE MATERIAL IS DESIGNED TO HELP TEACHERS SAVE TIME, CHALLENGE STUDENTS, PREPARE STUDENTS FOR THE "WORLD OF WORK" AND EVALUATE RESULTS MORE READILY. UNIT TOPICS INCLUDE: (1) STUDYING THE ANATOMY AND PHYSIOLOGY OF FARM ANIMALS, (2) BREEDING LIVESTOCK--GENETIC FACTORS, (3) MANAGING LIVESTOCK AND KEEPING RECORDS, (4) PROVIDING WORK EXPERIENCE, AND (5)

FFA ACTIVITIES AND PARTICIPATION. REFERENCE IS MADE TO OTHER GUIDES FOR INFORMATION ON LEADERSHIP DEVELOPMENT AND RECORD KEEPING. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 138 THROUGH VT 014 144. (GEB)|

VT 014 138
DOWNS, ELVIN
A COURSE OF STUDY GUIDE FOR TEACHING PLANT AND SOIL SCIENCE IN VOCATIONAL AGRICULTURE.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY. OFFICE OF VOCATIONAL-TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG70 73P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *INSTRUCTIONAL MATERIALS; REFERENCE MATERIALS; STUDY GUIDES; *TEACHING GUIDES; *PLANT SCIENCE; *SOIL SCIENCE

ABSTRACT - ONE OF 10 COURSE OF STUDY GUIDES DEVELOPED BY THE DIVISION OF DISTRICT PROGRAMS THROUGH ORGANIZED CONFERENCES AND WORKSHOPS WITH TEACHERS AND OTHERS, THIS GUIDE IS FOR INSTRUCTOR USE IN TEACHING PLANT AND SOIL SCIENCE IN VOCATIONAL AGRICULTURE. ELEVEN OF THE 12 INSTRUCTIONAL UNITS IN THIS DOCUMENT INCLUDE BOTH CURRICULAR AND STUDENT BEHAVIORAL OBJECTIVES, STUDENT LEARNING ACTIVITIES, LEARNING MATERIALS, TEACHER MANAGEMENT ACTIVITIES, REFERENCES AND SUGGESTED EVALUATION PROCEDURES. THE MATERIAL IS DESIGNED TO HELP TEACHERS SAVE TIME, CHALLENGE STUDENTS, PREPARE STUDENTS FOR THE "WORLD OF WORK" AND EVALUATE RESULTS MORE READILY. UNIT TOPICS INCLUDE: (1) LAND JUDGING, (2) PRODUCING FORAGE CROPS, (3) IDENTIFYING AND JUDGING CROP PLANTS AND SEEDS, AND (4) USING CHEMICALS IN AGRICULTURE. REFERENCE IS MADE TO OTHER GUIDES FOR INFORMATION ON LEADERSHIP DEVELOPMENT AND RECORD KEEPING. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 137, AND VT 014 139 THROUGH VT 014 144. (GEB)|

VT 014 139
DOWNS, ELVIN
A COURSE OF STUDY GUIDE FOR TEACHING AGRICULTURAL MECHANICS SKILLS IN VOCATIONAL AGRICULTURE.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY. OFFICE OF VOCATIONAL-TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG70 107P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *INSTRUCTIONAL MATERIALS; REFERENCE MATERIALS; STUDY GUIDES; *TEACHING GUIDES; *FARM MECHANICS (OCCUPATION); MECHANICAL SKILLS; METALS; ENGINEERING DRAWING; HAND TOOLS; MACHINE TOOLS

ABSTRACT - ONE OF 10 COURSE STUDY GUIDES DEVELOPED BY THE DIVISION OF DISTRICT PROGRAMS THROUGH ORGANIZED CONFERENCES AND WORKSHOPS WITH TEACHERS AND OTHERS, THIS GUIDE IS FOR INSTRUCTOR USE IN TEACHING AGRICULTURAL MECHANICS SKILLS IN VOCATIONAL AGRICULTURE. THE 12 INSTRUCTIONAL UNITS IN THIS DOCUMENT INCLUDE BOTH CURRICULAR AND STUDENT BEHAVIORAL OBJECTIVES, STUDENT LEARNING ACTIVITIES, LEARNING MATERIALS, TEACHER MANAGEMENT ACTIVITIES, REFERENCES AND SUGGESTED EVALUATION PROCEDURES. THE MATERIAL IS DESIGNED TO HELP TEACHERS SAVE TIME, CHALLENGE STUDENTS FOR THE "WORLD OF WORK" AND EVALUATE RESULTS MORE READILY. UNIT TOPICS INCLUDE: (1) FIGURING BILLS OF MATERIALS, (2) WORKING HOT METAL WORK, (3) GAS WELDING AND CUTTING, (4) BASIC ELECTRICITY, AND (5) RECORD KEEPING. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 137, VT 014 138, AND VT 014 140 THROUGH VT 014 144. (GEB)|

VT 014 140
DOWNS, ELVIN
A COURSE OF STUDY GUIDE FOR TEACHING METALS AND WELDING IN VOCATIONAL AGRICULTURE.

UTAH STATE BOARD FOR VOCATIONAL

EDUCATION, SALT LAKE CITY. OFFICE OF VOCATIONAL-TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG70 70P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *INSTRUCTIONAL MATERIALS; REFERENCE MATERIALS; STUDY GUIDES; *TEACHING GUIDES; *WELDING; *METALS; OCCUPATIONAL INFORMATION; SHEET METAL WORK; MACHINE TOOLS

ABSTRACT - ONE OF 10 COURSE OF STUDY GUIDES DEVELOPED BY THE DIVISION OF DISTRICT PROGRAMS THROUGH ORGANIZED CONFERENCES AND WORKSHOPS WITH TEACHERS AND OTHERS, THIS GUIDE IS FOR INSTRUCTOR USE IN TEACHING METALS AND WELDING IN VOCATIONAL AGRICULTURE. ELEVEN OF THE 12 INSTRUCTIONAL UNITS IN THIS DOCUMENT INCLUDE BOTH CURRICULAR AND STUDENT BEHAVIORAL OBJECTIVES, STUDENT LEARNING ACTIVITIES, LEARNING MATERIALS, TEACHER MANAGEMENT ACTIVITIES, REFERENCES AND EVALUATIVE PROCEDURES. THE MATERIAL IS DESIGNED TO HELP TEACHERS SAVE TIME, CHALLENGE STUDENTS FOR THE "WORLD OF WORK" AND EVALUATE RESULTS MORE READILY. UNIT TOPICS INCLUDE: (1) DETERMINING JOB ENTRY REQUIREMENTS IN WELDING AND METAL FABRICATION, (2) MEETING SAFETY REQUIREMENTS, (3) SETTING UP AND USING OXYACETYLENE EQUIPMENT, AND (4) HEATING, SHAPING, ANNEALING, AND TEMPERING STEEL. REFERENCE IS MADE TO OTHER GUIDES FOR INFORMATION ON LEADERSHIP DEVELOPMENT AND RECORD KEEPING. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 137 THROUGH VT 014 139 AND VT 014 141 THROUGH VT 014 144. (GEB)|

VT 014 141
DOWNS, ELVIN
A COURSE OF STUDY GUIDE FOR TEACHING NATURAL RESOURCES IN VOCATIONAL AGRICULTURE.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY. OFFICE OF VOCATIONAL-TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - SEP70 50P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *INSTRUCTIONAL MATERIALS; REFERENC MATERIALS; STUDY GUIDES; *TEACHING GUIDES; *NATURAL RESOURCES; CAREER OPPORTUNITIES; OCCUPATIONAL INFORMATION; WILDLIFE MANAGEMENT; RECREATION; CONSERVATION EDUCATION

ABSTRACT - ONE OF 10 COURSE OF STUDY GUIDES DEVELOPED BY THE DIVISION OF DISTRICT PROGRAMS THROUGH ORGANIZED CONFERENCES AND WORKSHOPS WITH TEACHERS AND OTHERS, THIS GUIDE IS FOR INSTRUCTOR USE IN TEACHING NATURAL RESOURCES IN VOCATIONAL AGRICULTURE. EIGHT OF THE NINE INSTRUCTIONAL UNITS IN THIS DOCUMENT INCLUDE BOTH CURRICULAR AND STUDENT BEHAVIORAL OBJECTIVES, STUDENT LEARNING ACTIVITIES, LEARNING MATERIALS, TEACHER MANAGEMENT ACTIVITIES, REFERENCES AND EVALUATIVE PROCEDURES. THE MATERIAL IS DESIGNED TO HELP TEACHERS SAVE TIME, CHALLENGE STUDENTS FOR THE "WORLD OF WORK" AND EVALUATE RESULTS MORE READILY. UNIT TOPICS INCLUDE: (1) THE NEED FOR AND PURPOSES OF CONSERVATION, (2) FORESTS--THEIR USE, MANAGEMENT AND PROTECTION, (3) OUTDOOR RECREATION, AND (4) OCCUPATIONAL WORK EXPERIENCE. REFERENCE IS MADE TO OTHER GUIDES FOR INFORMATION ABOUT LEADERSHIP DEVELOPMENT AND RECORD KEEPING. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 137 THROUGH VT 014 140 AND VT 014 142 THROUGH VT 014 144. (GEB)|

VT 014 142
DOWNS, ELVIN
A COURSE OF STUDY GUIDE FOR TEACHING AGRICULTURAL BUILDINGS IN VOCATIONAL AGRICULTURE.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY. OFFICE OF VOCATIONAL-TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG70 68P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *INSTRUCTIONAL MATERIALS; REFERENCE

MATERIALS; STUDY GUIDES; *TEACHING GUIDES; *BUILDING MATERIALS; OCCUPATIONAL INFORMATION; *BUILDING TRADES

ABSTRACT - ONE OF 10 COURSE STUDY GUIDES DEVELOPED BY THE DIVISION OF DISTRICT PROGRAMS THROUGH ORGANIZED CONFERENCES AND WORKSHOPS WITH TEACHERS AND OTHERS, THIS GUIDE IS FOR INSTRUCTOR USE IN TEACHING ABOUT AGRICULTURAL BUILDINGS IN VOCATIONAL AGRICULTURE. TWELVE OF THE 13 INSTRUCTIONAL UNITS IN THIS DOCUMENT INCLUDE BOTH CURRICULAR AND STUDENT BEHAVIORAL OBJECTIVES, STUDENTS LEARNING ACTIVITIES, LEARNING MATERIALS, TEACHER MANAGEMENT ACTIVITIES, REFERENCES AND EVALUATIVE PROCEDURES. THE MATERIAL IS DESIGNED TO HELP TEACHERS SAVE TIME, CHALLENGE STUDENTS FOR THE "WORLD OF WORK" AND EVALUATE RESULTS MORE READILY. UNIT TOPICS INCLUDE: (1) SAFETY IN THE SHOP AND ON THE JOB, (2) IDENTIFYING BUILDING MATERIALS, (3) PAINTING AGRICULTURAL FARM BUILDINGS, AND (4) LAYING CONCRETE BLOCK. REFERENCE IS MADE TO OTHER GUIDES FOR INFORMATION ON LEADERSHIP AND RECORDS. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 137 THROUGH VT 014 141, VT 014 143 AND VT 014 144. (GEB)|

VT 014 143
DOWNS, ELVIN
A COURSE OF STUDY GUIDE FOR TEACHING AGRIBUSINESS IN VOCATIONAL AGRICULTURE.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY. OFFICE OF VOCATIONAL-TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG70 42P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *INSTRUCTIONAL MATERIALS; STUDY GUIDES; *TEACHING GUIDES; REFERENCE MATERIALS; *AGRIBUSINESS; *CAREER OPPORTUNITIES; BUSINESS RESPONSIBILITY; OCCUPATIONAL INFORMATION

ABSTRACT - ONE OF 10 COURSE STUDY GUIDES DEVELOPED BY THE DIVISION OF DISTRICT PROGRAMS THROUGH ORGANIZED CONFERENCES AND WORKSHOPS WITH TEACHERS AND OTHERS, THIS GUIDE IS FOR INSTRUCTOR USE IN TEACHING AGRIBUSINESS IN VOCATIONAL AGRICULTURE. SIX OF THE SEVEN INSTRUCTIONAL UNITS IN THIS DOCUMENT INCLUDE BOTH CURRICULAR AND STUDENT BEHAVIORAL OBJECTIVES, STUDENT LEARNING ACTIVITIES, LEARNING MATERIALS, TEACHING MANAGEMENT ACTIVITIES, REFERENCES AND EVALUATIVE PROCEDURES. THE MATERIAL IS DESIGNED TO HELP TEACHERS SAVE TIME, CHALLENGE STUDENTS FOR THE "WORLD OF WORK" AND EVALUATE RESULTS MORE READILY. UNIT TOPICS INCLUDE: (1) EXPLORING CAREERS IN AGRIBUSINESS, (2) UNDERSTANDING BUSINESS ORGANIZATIONS, AND (3) PLACING FOR OCCUPATIOTION ON LEADERSHIP, AND KEEPING RECORDS. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 137 THROUGH VT 014 142, AND VT 014 144. (GEB)|

VT 014 144
DOWNS, ELVIN
A COURSE OF STUDY GUIDE FOR TEACHING FARM MACHINERY IN VOCATIONAL AGRICULTURE.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY. OFFICE OF VOCATIONAL-TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG70 57P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *INSTRUCTIONAL MATERIALS; STUDY GUIDES; *TEACHING GUIDES; REFERENCE MATERIALS; *AGRICULTURAL MACHINERY; FARM MANAGEMENT; *EQUIPMENT MAINTENANCE; CAREER OPPORTUNITIES; AGRICULTURAL SAFETY

ABSTRACT - ONE OF 10 COURSE STUDY GUIDES DEVELOPED BY THE DIVISION OF DISTRICT PROGRAMS THROUGH ORGANIZED CONFERENCES AND WORKSHOPS WITH TEACHERS AND OTHERS, THIS GUIDE IS FOR INSTRUCTOR USE IN TEACHING ABOUT FARM MACHINERY IN VOCATIONAL AGRICULTURE. EIGHT OF THE NINE

INSTRUCTIONAL UNITS IN THIS DOCUMENT INCLUDE BOTH CURRICULAR AND STUDENT BEHAVIORAL OBJECTIVES, STUDENT LEARNING ACTIVITIES, LEARNING MATERIALS, TEACHER MANAGEMENT ACTIVITIES, REFERENCES AND EVALUATIVE PROCEDURES. THE MATERIAL IS DESIGNED TO HELP TEACHERS SAVE TIME, CHALLENGE STUDENTS FOR THE "WORLD OF WORK" AND EVALUATE RESULTS MORE READILY. UNIT TOPICS INCLUDE: (1) ASSEMBLE FARM MACHINERY AND EQUIPMENT, (2) MAKE AN INVENTORY OF AGRICULTURAL MACHINERY AND EQUIPMENT, AND (3) OPERATE; MAINTAIN; AND REPAIR MATERIALS HANDLING EQUIPMENT. REFERENCE IS MADE TO OTHER GUIDES FOR INFORMATION ON LEADERSHIP AND RECORDS. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 137 THROUGH VT 014 143. (GEB)|

VT 014 152
VOCATIONAL AGRICULTURE, COURSE OF STUDY GUIDELINES.

NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK.
MF AVAILABLE IN VT-ERIC SET.
RESEARCH COORDINATING UNIT, STATE BOARD FOR VOCATIONAL EDUCATION, STATE OFFICE BUILDING, 900 EAST BOULEVARD, BISMARCK, NORTH DAKOTA 58501 (FREE)
PUB DATE - AUG69 35P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; SECONDARY EDUCATION; *TEACHING GUIDES; *AGRICULTURAL OCCUPATIONS; *PROGRAM PLANNING; COURSE CONTENT

ABSTRACT - INTENDED TO FURNISH INFORMATION ABOUT VOCATIONAL EDUCATION IN AGRICULTURE AND TO PROVIDE DIRECTION IN PLANNING A LOCAL COURSE OF STUDY, THIS TEACHER'S GUIDE CONTAINS CONTENT OUTLINES FOR VOCATIONAL AGRICULTURE COURSE OFFERINGS FOR GRADES 9-12. AN INTRODUCTORY SECTION PROVIDES A DEFINITION OF VOCATIONAL-TECHNICAL AGRICULTURE, EDUCATIONAL OBJECTIVES, DEFINITIONS OF EIGHT MAJOR INSTRUCTIONAL AREAS, DIFFERENT TYPES OF OCCUPATIONAL EXPERIENCE PROGRAMS, AND A DISCUSSION OF THE STUDENT LEADERSHIP DEVELOPMENT PROGRAM. (SB)|

VT 014 164
BROWN, BOB, AND OTHERS
9TH GRADE CURRICULUM.

OREGON STATE UNIV., CORVALLIS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUN70 32P.DEVELOPED IN A WORKSHOP (OREGON STATE UNIV., CORVALLIS, JUNE 1970)

DESCRIPTORS - *AGRICULTURAL EDUCATION; *GRADE 9; *CURRICULUM GUIDES; *RESOURCE MATERIALS; *INSTRUCTIONAL MATERIALS; VOCATIONAL AGRICULTURE; TEACHING GUIDES; BEHAVIORAL OBJECTIVES; LEARNING ACTIVITIES; EMPLOYEE ATTITUDES

ABSTRACT - DEVELOPED BY A GROUP OF AGRICULTURE TEACHERS, THIS CURRICULUM GUIDE IS FOR INSTRUCTOR USE IN TEACHING AGRICULTURE AT THE NINTH GRADE LEVEL. THE SEVEN AREAS INCLUDE: (1) AGRICULTURAL OCCUPATIONS, (2) LEADERSHIP, (3) AGRICULTURAL MECHANICS, (4) SOILS, (5) PLANT SCIENCE, (6) ANIMAL SCIENCE, AND (7) AGRICULTURAL BUSINESS MANAGEMENT. STATED BEHAVIORAL OBJECTIVES, SUGGESTED LEARNING ACTIVITIES, A LIST OF RESOURCES, AND A SPACE TO RECORD THE TIME SCHEDULE IS PRESENTED IN A FIVE COLUMN FORMAT FOR EACH AREA. A LISTING OF ATTITUDES AND ATTRIBUTES THAT HAVE BEEN IDENTIFIED BY EMPLOYERS AS IMPORTANT FOR THEIR EMPLOYEES IS GIVEN. IT IS INTENDED FOR THIS GUIDE TO BE REVIEWED AND REVISED AFTER IT IS TESTED FOR 1-YEAR BY THE TEACHERS PARTICIPATING IN THE CONFERENCE. (GEB)|

VT 014 181
WITT, W.H.
BLOCKING AND TRIMMING SHEEP.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT_ERIC SET.
VAS-1044

VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS 61801 ($.10)
PUB DATE - 71 9P.

DESCRIPTORS - *SUPPLEMENTARY TEXTBOOKS; *AGRICULTURAL EDUCATION; *AGRICULTURAL PRODUCTION; *VOCATIONAL AGRICULTURE; SECONDARY GRADES; ADULT VOCATIONAL EDUCATION; *LIVESTOCK; ANIMAL SCIENCE; RESOURCE MATERIALS
IDENTIFIERS - *SHEEP

ABSTRACT - PREPARED BY AN ASSOCIATE PROFESSOR OF AGRICULTURAL EDUCATION, THIS STUDENT TEXT AND REFERENCE IS FOR USE IN HIGH SCHOOL OR ADULT CLASSES STUDYING PRODUCTION AGRICULTURE. CONTENTS OF THE 1 TO 2-HOUR UNIT COVER THREE PROBLEM AREAS IN THE BLOCKING AND TRIMMING OF SHEEP: (1) EQUIPMENT NEEDED, (2) TECHNIQUES OF BLOCKING SHEEP, AND (3) FINISHING THE TRIMMING OPERATION. THE REFERENCE IS ILLUSTRATED WITH NUMEROUS PHOTOGRAPHS. (AW)|

VT 014 182
WITT, W.H.
BREEDS OF SWINE.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT_ERIC SET.
VAS-1045
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS 61801 ($.15)
PUB DATE - 71 13P.

DESCRIPTORS - *SUPPLEMENTARY TEXTBOOKS; *PRODUCTION AGRICULTURE; RESOURCE MATERIALS; *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *ANIMAL SCIENCE; *LIVESTOCK; SECONDARY GRADES; ADULT VOCATIONAL EDUCATION; UNITS OF STUDY (SUBJECT FIELDS)
IDENTIFIERS - *SWINE

ABSTRACT - THIS 1 TO 3-HOUR UNIT ON SWINE BREEDS WAS PREPARED BY AN ASSOCIATE PROFESSOR OF AGRICULTURAL EDUCATION FOR USE AS A STUDENT TEXT AND REFERENCE IN HIGH SCHOOL OR ADULT PRODUCTION AGRICULTURE CLASSES. THE TEXT PROVIDES GENERAL INFORMATION ON SWINE, FOLLOWED BY DESCRIPTIONS AND INFORMATION ON 11 SPECIFIC SWINE BREEDS AND THE TWO GENERAL SWINE CLASSIFICATIONS OF INBRED LINES AND MARKET HOGS. REPRESENTATIVE PHOTOGRAPHS OF MOST BREEDS ARE PROVIDED. (AW)|

VT 014 183
COURSON, R.L.
SOUTHERN CORN LEAF BLIGHT.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT_ERIC SET.
VAS-4051
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS 61801 ($.15)
PUB DATE - 71 13P.

DESCRIPTORS - *SUPPLEMENTARY TEXTBOOKS; RESOURCE MATERIALS; VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; *AGRICULTURAL PRODUCTION; *PLANT SCIENCE; *PLANT PATHOLOGY; SECONDARY GRADES; ADULT VOCATIONAL EDUCATION; UNITS OF STUDY (SUBJECT FIELDS)
IDENTIFIERS - *SOUTHERN CORN LEAF BLIGHT

ABSTRACT - THIS STUDENT TEXT AND REFERENCE WAS PREPARED BY AN ASSOCIATE PROFESSOR OF AGRICULTURAL EDUCATION FOR USE IN HIGH SCHOOL OR ADULT PRODUCTION AGRICULTURE CLASSES. THE UNIT WAS ADAPTED FROM MATERIAL PREPARED FROM A COLLEGE-WIDE SEMINAR ON SOUTHERN CORN LEAF BLIGHT, INCLUDING: (1) THE CAUSE OF SOUTHERN CORN LEAF BLIGHT, (2) POSSIBILITIES OF REOCCURANCE OF THE BLIGHT, (3) HOW TO MINIMIZE THE RISK OF THE BLIGHT, (4) WHAT SEED TO BUY TO PREVENT THE BLIGHT, AND (5) RESEARCH ON THE BLIGHT. THE REFERENCE IS ILLUSTRATED WITH PHOTOGRAPHS AND DIAGRAMS. ONE TO 3 CLOCK HOURS SHOULD BE ALLOTTED FOR COVERAGE OF THE MATERIAL. (AW)|

VT 014 184

COURSON, R.L.
TREE AND SHRUB INSECTS AND THEIR CONTROL.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT_ERIC SET.
VAS-5005A
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS 61801 ($.45)
PUB DATE - 71 37P.

DESCRIPTORS - *SUPPLEMENTARY TEXTBOOKS; RESOURCE MATERIALS; *AGRICULTURAL EDUCATION; *PRODUCTION AGRICULTURE; VOCATIONAL AGRICULTURE; SECONDARY GRADES; ADULT VOCATIONAL EDUCATION; UNITS OF STUDY (SUBJECT FIELDS); *ENTOMOLOGY; *INSECTICIDES; PLANT SCIENCE

ABSTRACT - PREPARED BY AN ASSOCIATE PROFESSOR OF AGRICULTURAL EDUCATION, THIS STUDENT TEXT AND REFERENCE IS FOR USE IN HIGH SCHOOL OR ADULT PRODUCTION AGRICULTURE CLASSES. CONTENTS OF THE REFERENCE INCLUDE: (1) GENERAL FACTS ABOUT INSECTS, (2) DESCRIPTIONS OF COMMON DESTRUCTIVE TREE AND SHRUB PESTS, ALPHABETICALLY ARRANGED ACCORDING TO HOST PLANT, AND (3) VARIOUS INSECT CONTROL MEASURES. SPRAY PREPARATION TABLES ARE APPENDED. NUMEROUS DRAWINGS AND PHOTOGRAPHS ILLUSTRATE THE TEXT. RECOMMENDED TIME FOR COVERAGE OF THE MATERIAL IS 2 TO 8 CLOCK HOURS. (AW)|

VT 014 185
COURSON, R.L.
CORN INSECTS AND THEIR CONTROL.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT_ERIC SET.
VAS-4040A
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS 61801 ($.25)
PUB DATE - 71 20P.

DESCRIPTORS - *SUPPLEMENTARY TEXTBOOKS; *RESOURCE MATERIALS; *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *AGRICULTURAL PRODUCTION; SECONDARY GRADES; ADULT VOCATIONAL EDUCATION; UNITS OF STUDY (SUBJECT FIELDS); *ENTOMOLOGY; PLANT SCIENCE

ABSTRACT - THIS STUDENT TEXT AND REFERENCE WAS PREPARED BY AN ASSOCIATE PROFESSOR OF AGRICULTURAL EDUCATION FOR USE IN HIGH SCHOOL OR ADULT CLASSES STUDYING PRODUCTION AGRICULTURE. ILLUSTRATED WITH NUMEROUS DRAWINGS AND PHOTOGRAPHS, THE REFERENCE COVERS FOUR PROBLEM AREAS: (1) INSECTS THAT ATTACK CORN SEED, (2) INSECTS THAT ATTACK ROOTS, (3) INSECTS THAT ATTACK STALKS, LEAVES, AND EARS, AND (4) CHEMICAL CONTROL. RECOMMENDED TIME FOR COVERING THE MATERIALS IS 2 TO 6 CLOCK HOURS. (AW)|

VT 014 186
COURSON, R.L.
GROWING LILIES.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT_ERIC SET.
VAS-5014
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS 61801 ($.25)
PUB DATE - 71 21P.

DESCRIPTORS - *SUPPLEMENTARY TEXTBOOKS; RESOURCE MATERIALS; VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; *AGRICULTURAL PRODUCTION; SECONDARY GRADES; ADULT VOCATIONAL EDUCATION; UNITS OF STUDY (SUBJECT FIELDS); *PLANT SCIENCE; *PLANT PROPAGATION
IDENTIFIERS - LILIES

ABSTRACT - PREPARED BY AN ASSOCIATE PROFESSOR OF AGRICULTURAL EDUCATION, THIS STUDENT TEXT AND REFERENCE IS FOR USE IN HIGH SCHOOL OR ADULT PRODUCTION AGRICULTURE CLASSES. FOLLOWING GENERAL INFORMATION ON LILIES, CONTENTS COVER FOUR PROBLEM AREAS: (1) HOW LILIES ARE PROPAGATED, (2) TIMING LILIES FOR EASTER, (3) CARE OF EASTER LILIES, AND (4) GROWING GARDEN LILIES. FOUR METHODS OF

GROWING LILIES FOR EASTER ARE OUTLINED IN THE APPENDIX. THE REFERENCE IS ILLUSTRATED WITH DRAWINGS AND PHOTOGRAPHS. RECOMMENDED TIME FOR COVERING THE MATERIAL IS 2 TO 6 CLOCK HOURS. (AW)|

VT 014 187
ESPENSCHIED, R.F.
APPLYING ASPHALT ROOFING AND SIDING PRODUCTS.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT_ERIC SET.
VAS-3035
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS 61801
($.30)
PUB DATE - 71 25P.

DESCRIPTORS - *SUPPLEMENTARY TEXTBOOKS; RESOURCE MATERIALS; *AGRICULTURAL EDUCATION; *AGRICULTURAL PRODUCTION; ADULT VOCATIONAL EDUCATION; SECONDARY GRADES; UNITS OF STUDY (SUBJECT FIELDS); VOCATIONAL AGRICULTURE; *ROOFING; BUILDINGS; *CONSTRUCTION (PROCESS); ASPHALTS; BUILDING MATERIALS

ABSTRACT - PREPARED BY AN ASSOCIATE PROFESSOR OF AGRICULTURAL ENGINEERING FOR USE IN HIGH SCHOOL OR ADULT PRODUCTION AGRICULTURE CLASSES, THIS STUDENT TEXT AND REFERENCE DEALS WITH THE PROPER APPLICATION OF ASPHALT ROOFING AND SIDING. AREAS COVERED INCLUDE: (1) AVAILABLE ASPHALT ROOFING AND SIDING PRODUCTS, (2) ACCESSORIES NEEDED, (3) QUANTITY OF ROOFING NEEDED, (4) TYPE OF ROOFING MATERIAL NEEDED, (5) PREPARATION OF DECK FOR ROOFING, (6) APPLICATION OF STRIP SHINGLES, INDIVIDUAL SHINGLES, AND INTERLOCKING SHINGLES, (7) APPLICATION OF ROLL ROOFING, (8) APPLICATION OF ASPHALT SIDING, AND (9) WIND HAZARD TO ROOFING. THE REFERENCE IS ILLUSTRATED WITH NUMEROUS DRAWINGS AND DIAGRAMS. RECOMMENDED TIME FOR COVERING THE MATERIAL IS 2 TO 8 CLOCK HOURS. (AW)|

VT 014 188
HANSEN, E.L.;ESPENSCHIED, R.F.
RECOMMENDED PRACTICES FOR BUILDING WITH CONCRETE MASONRY.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT_ERIC SET.
VAS-3034
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS 61801
($.20)
PUB DATE - 71 17P.

DESCRIPTORS - *SUPPLEMENTARY TEXTBOOKS; RESOURCE MATERIALS; *AGRICULTURAL EDUCATION; *AGRICULTURAL PRODUCTION; VOCATIONAL AGRICULTURE; SECONDARY GRADES; UNITS OF STUDY (SUBJECT FIELDS); ADULT VOCATIONAL EDUCATION; *MASONRY; *CONSTRUCTION (PROCESS); BUILDINGS; BUILDING MATERIALS

ABSTRACT - PREPARED BY AN ASSOCIATE PROFESSOR OF AGRICULTURAL EDUCATION AND A PROFESSOR OF AGRICULTURAL ENGINEERING, THIS STUDENT TEXT AND REFERENCE IS FOR USE IN HIGH SCHOOL OR ADULT PRODUCTION AGRICULTURE CLASSES. DESIGNED TO BE COVERED IN 1 TO 4 HOURS, CONTENTS ARE CONCERNED WITH EIGHT PROBLEM AREAS: (1) LAYING OUT THE BUILDING, (2) CONSTRUCTING FOOTINGS, (3) MIXING THE MORTAR, (4) LAYING THE FIRST COURSE, (5) LAYING BLOCK AT CORNERS, (6) BUILDING WALLS, (7) TOOLING MORTAR JOINTS, AND (8) SPECIAL MANSORY APPLICATIONS. THE REFERENCE IS ILLUSTRATED WITH NUMEROUS PHOTOGRAPHS, DRAWINGS, AND DIAGRAMS. (AW)|

VT 014 189
HERBST, J.H.
PLANNING TO HAVE AN ADEQUATE SIZE OF BUSINESS.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT_ERIC SET.
VAS-2013A
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF

ILLINOIS, URBANA, ILLINOIS 61801
($.10)
PUB DATE - 71 9P.

DESCRIPTORS - *SUPPLEMENTARY TEXTBOOKS; *AGRICULTURAL EDUCATION; *AGRICULTURAL PRODUCTION; RESOURCE MATERIALS; *AGRIBUSINESS; SECONDARY GRADES; ADULT VOCATIONAL EDUCATION; *FARM MANAGEMENT; UNITS OF STUDY (SUBJECT FIELDS); VOCATIONAL AGRICULTURE

ABSTRACT - THIS STUDENT TEXT AND REFERENCE WAS PREPARED BY AN AGRICULTURAL EDUCATION PROFESSOR FOR USE IN HIGH SCHOOL OR ADULT CLASSES STUDYING PRODUCTION AGRICULTURE. CONTENTS ARE CONCERNED WITH: (1) THE SIZE OF A PROFITABLE FARM BUSINESS, (2) HOW TO INCREASE THE SIZE OF THE FARM BUSINESS, AND (3) THE SIZE OF BUSINESS FOR THE PROBLEM FARM. RECOMMENDED TIME FOR COVERING THE MATERIAL IS 1 TO 2 CLOCK HOURS. (AW)|

VT 014 190
HERBST, J.H.
PLANNING A PROFITABLE FARM BUSINESS.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT_ERIC SET.
VAS-2001B
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS 61801
($.05)
PUB DATE - 71 5P.

DESCRIPTORS - *SUPPLEMENTARY TEXTBOOKS; *AGRICULTURAL EDUCATION; RESOURCE MATERIALS; *AGRICULTURAL PRODUCTION; *FARM MANAGEMENT; *VOCATIONAL AGRICULTURE; SECONDARY GRADES; ADULT VOCATIONAL EDUCATION; UNITS OF STUDY (SUBJECT FIELDS)

ABSTRACT - THIS STUDENT TEXT AND REFERENCE WAS PREPARED BY A PROFESSOR OF AGRICULTURAL EDUCATION AND FARM MANAGEMENT FOR USE IN HIGH SCHOOL OR ADULT CLASSES STUDYING PRODUCTION AGRICULTURE. DESIGNED AS A 1 TO 3-HOUR UNIT, THE MATERIAL COVERS THREE PROBLEM AREAS: (1) RESOURCES USED IN FARM PRODUCTION, (2) FARM PLANNING AND MANAGEMENT, AND (3) STEPS IN FARM PLANNING. (AW)|

VT 014 191
TROTTER, E.E.;HERBST, J.H.
HUMAN RELATIONS IN AGRICULTURAL BUSINESS.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT_ERIC SET.
VAS-6003
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS 61801
($.15)
PUB DATE - 71 13P.

DESCRIPTORS - *SUPPLEMENTARY TEXTBOOKS; RESOURCE MATERIALS; *AGRICULTURAL EDUCATION; *AGRICULTURAL PRODUCTION; VOCATIONAL AGRICULTURE; *AGRIBUSINESS; *HUMAN RELATIONS; SECONDARY GRADES; ADULT VOCATIONAL EDUCATION; UNITS OF STUDY (SUBJECT FIELDS)

ABSTRACT - PREPARED BY A PROFESSOR AND A GRADUATE ASSISTANT IN AGRICULTURAL EDUCATION, THIS STUDENT TEXT AND REFERENCE IS FOR USE IN HIGH SCHOOL OR ADULT PRODUCTION AGRICULTURE CLASSES. CONTENTS RELATE TO SUCH AREAS AS: (1) EVALUATING ONE'S PERSONAL APPEARANCE, (2) EFFECTIVE COMMUNICATION, (3) IMPORTANT PERSONALITY CHARACTERISTICS, (4) PROPER ETIQUETTE, (5) GETTING ALONG WITH BUSINESS ASSOCIATES, AND (6) CUSTOMER RELATIONS. RECOMMENDED TIME FOR COVERING THE MATERIAL IS 1 TO 3 CLOCK HOURS. (AW)|

VT 014 237 ED 056 238
MICROFICHE COLLECTION OF CLEARINGHOUSE DOCUMENTS REPORTED IN ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION (AIM), FALL 1971.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.

OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
EDRS PRICE MF-$67.98 HC NOT AVAILABLE FROM EDRS.
PUB DATE - 71 21,531P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; BUSINESS EDUCATION; AGRICULTURAL EDUCATION; DISTRIBUTIVE EDUCATION; HEALTH OCCUPATIONS EDUCATION; HOME ECONOMICS EDUCATION; INDUSTRIAL ARTS; TRADE AND INDUSTRIAL EDUCATION; INDEXES (LOCATERS); *MICROFICHE; DOCUMENTATION; *INFORMATION STORAGE; INFORMATION RETRIEVAL

ABSTRACT - DOCUMENTS ANNOUNCED WITH VT NUMBERS ONLY IN THE FALL 1971 ISSUE (VT 014 129) OF "ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (AIM) ARE INCLUDED IN THIS MICROFICHE SET. THE MICROFICHE SET IS ARRANGED IN THE FOLLOWING SEQUENCE: (1) A VOCATIONAL TECHNICAL (VT) NUMBER INDEX TO DOCUMENTS IN THE MICROFICHE COLLECTION, (2) THE SUBJECT AND AUTHOR INDEX FROM AIM, AND (3) THE FULL TEXT OF DOCUMENTS LISTED IN THE VT NUMBER INDEX. THE TEXTS ARE FILMED CONTINUOUSLY IN VT NUMBER SEQUENCE. (CD)

VT 014 306
PROGRAMS LEADING TO AGRI-BUSINESS AND NATURAL RESOURCES.

DELAWARE STATE DEPT. OF PUBLIC INSTRUCTION, DOVER. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 31JAN71 33P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *AGRIBUSINESS; *CURRICULUM GUIDES; *NATURAL RESOURCES; SECONDARY EDUCATION; HIGH SCHOOL CURRICULUM; *AGRICULTURAL OCCUPATIONS; EDUCATIONAL FACILITIES; COURSE DESCRIPTIONS; PROGRAM LENGTH; STUDENT ENROLLMENT; ADMISSION CRITERIA; STUDENT ORGANIZATIONS

ABSTRACT - THIS PUBLICATION CONTAINS INFORMATION REGARDING THE FOLLOWING HIGH SCHOOL AGRICULTURAL COURSES: (1) INTRODUCTION TO AGRICULTURAL VOCATIONS, (2) AGRICULTURAL PRODUCTION, (3) ANIMAL SCIENCE, (4) PLANT SCIENCE, (5) AGRICULTURAL SUPPLIES AND SERVICES, (6) AGRICULTURAL MECHANICS, (7) AGRIBUSINESS MANAGEMENT, (8) GREENHOUSE OPERATION AND MANAGEMENT, (9) LANDSCAPE ARCHITECTURE, (10) TURF MANAGEMENT AND LANDSCAPING, (11) NURSERY OPERATION AND MANAGEMENT, AND (12) AGRICULTURAL RESOURCES. A COURSE DESCRIPTION, ENTRANCE REQUIREMENTS, GRADE LEVEL, LENGTH OF COURSE, STUDENT ENROLLMENT, AND FACILITY REQUIREMENTS ARE INCLUDED FOR EACH COURSE. ADMINISTRATION POLICIES AND CALENDAR OF EVENTS FOR FUTURE FARMERS OF AMERICA (FFA) ARE APPENDED. (SB)|

VT 014 365
VISUAL AIDS FOR USE IN VOCATIONAL HORTICULTURE CLASSES. A SUGGESTED LIST.

AMERICAN ASSOCIATION OF NURSERYMEN, INC., WASHINGTON, D.C.;NATIONAL LANDSCAPE NURSERYMEN'S ASSOCIATION, WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 4P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *BIBLIOGRAPHIES; *HORTICULTURE; NURSERIES (HORTICULTURE); *AUDIOVISUAL AIDS; *RESOURCE MATERIALS; *VOCATIONAL AGRICULTURE

ABSTRACT - PREPARED BY NURSERYMEN'S ASSOCIATIONS, THIS LIST OF VISUAL AIDS IS DESIGNED FOR TEACHER USE IN VOCATIONAL HORTICULTURE CLASSES. THE LIST INCLUDES SEVENTEEN 16 MM. MOVIES, FIVE FILM STRIPS AND 11 SLIDE SETS WITH SOURCES OF THESE AIDS GIVEN. SOME OF THE TITLES INCLUDED ARE: (1) "THE NATIONAL ARBORETUM", (2) "AMONG YOUR SOUVENIRS", (3) "LIVING WITH ROSES", (4) "COLOR IT GREEN WITH TREES", (5) "SAFE USE OF PESTICIDES", AND (6) "WEED

IDENTIFICATION". (GEB)|

VT 014 367
SMITH, ROGER R.
SOURCE UNIT IN CAREERS IN AGRICULTURAL OCCUPATIONS.

COLORADO STATE UNIV., FT. COLLINS. DEPT. OF VOCATIONAL EDUCATION.;COLORADO STATE BOARD FOR COMMUNITY COLLEGES AND OCCUPATIONAL EDUCATION, DENVER.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 33P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; SECONDARY EDUCATION; *TEACHING GUIDES; RESOURCE MATERIALS; INSTRUCTIONAL MATERIALS; *OCCUPATIONAL INFORMATION; VOCATIONAL COUNSELING; *CAREER EDUCATION; CAREER PLANNING; JOB APPLICATION

ABSTRACT - PREPARED TO ASSIST VOCATIONAL AGRICULTURE TEACHERS IN DEVELOPING HIGH SCHOOL CAREER EDUCATION PROGRAMS, THIS RESOURCE GUIDE SUGGESTS OBJECTIVES AND TEACHING TECHNIQUES AND PROVIDES JOB ANALYSIS INFORMATION. ARRANGED IN OUTLINE FORMAT, THE GUIDE PROVIDES INFORMATION ON: (1) BECOMING FAMILIAR WITH THE SCOPE AND EMPLOYMENT OPPORTUNITIES IN AGRICULTURAL OCCUPATIONS, (2) BECOMING FAMILIAR WITH THE EDUCATIONAL AND EXPERIENCE REQUIREMENTS OF THE VARIOUS AGRICULTURAL OCCUPATIONS, (3) OBTAINING OCCUPATIONAL INFORMATION, (4) EVALUATING AGRICULTURAL OCCUPATIONS IN LIGHT OF MY PERSONAL INVENTORY, (5) SELECTING A CAREER, (6) PLANNING FOR A CAREER IN AN AGRICULTURAL OCCUPATION, AND (7) APPLYING FOR A JOB. THE MATERIAL INCLUDED IN THIS DOCUMENT MAY BE TAUGHT AS ONE TEACHING BLOCK OR TAUGHT TO STUDENTS AT VARIOUS GRADE LEVELS. (JS)|

VT 014 368
TALKINGTON, DALLAS C.
SOURCE UNIT IN HORSE PRODUCTION.

COLORADO STATE UNIV., FT. COLLINS. DEPT. OF VOCATIONAL EDUCATION.;COLORADO STATE BOARD FOR COMMUNITY COLLEGES AND OCCUPATIONAL EDUCATION, DENVER.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 26P.

DESCRIPTORS - *RESOURCE GUIDES; *VOCATIONAL AGRICULTURE; *RESOURCE MATERIALS; LESSON PLANS; *HORSES; INSTRUCTIONAL MATERIALS; TEACHING TECHNIQUES; *AGRICULTURAL EDUCATION; LIVESTOCK; ANIMAL SCIENCE; AGRICULTURAL PRODUCTION; EDUCATIONAL OBJECTIVES; CURRICULUM DEVELOPMENT

ABSTRACT - DEVELOPED AS A RESOURCE GUIDE, THIS DOCUMENT WAS PREPARED TO HELP VOCATIONAL AGRICULTURE TEACHERS TO ANALYZE THE AREA OF HORSE PRODUCTION AND TO ORGANIZE LESSON PLANS. ARRANGED IN OUTLINE FORMAT, THE GUIDE IDENTIFIES 11 INSTRUCTIONAL AREAS INCLUDING: (1) DETERMINING THE IMPORTANCE AND OPPORTUNITIES IN HORSE PRODUCTION, (2) SELECTION OF BREEDING STOCK, (3) FEEDING HORSES, (4) CARING FOR THE MARE AND FOAL, (5) SELECTING BUILDINGS AND EQUIPMENT, AND (6) GROWING AND SHOWING. ALSO INCLUDED ARE LEARNING OBJECTIVES, TEACHING TECHNIQUES, REFERENCES, AND A FACTUAL ANALYSIS OF EACH UNIT. (JS)|

VT 014 369
ULERY, BYRON
SOURCE UNIT IN SHEEP PRODUCTION.

COLORADO STATE UNIV., FT. COLLINS. DEPT. OF VOCATIONAL EDUCATION.;COLORADO STATE BOARD FOR COMMUNITY COLLEGES AND OCCUPATIONAL EDUCATION, DENVER.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 75P.

DESCRIPTORS - *RESOURCE GUIDES; *VOCATIONAL AGRICULTURE; RESOURCE MATERIALS; LESSON PLANS; TEACHING TECHNIQUES; *AGRICULTURAL EDUCATION; *LIVESTOCK; *ANIMAL SCIENCE; AGRICULTURAL PRODUCTION; EDUCATIONAL OBJECTIVES; CURRICULUM DEVELOPMENT
IDENTIFIERS - SHEEP PRODUCTION

ABSTRACT - DEVELOPED AS A RESOURCE GUIDE, THIS DOCUMENT WAS PREPARED TO HELP VOCATIONAL AGRICULTURE TEACHERS ANALYZE THE AREA OF SHEEP PRODUCTION AND ORGANIZE LESSON PLANS. ARRANGED IN OUTLINE FORMAT, THE GUIDE IDENTIFIES 24 INSTRUCTIONAL AREAS INCLUDING: (1) SELECTING BREEDING SHEEP, (2) SELECTING FEEDER LAMBS AND SHEEP, (3) PROVIDING HOUSING AND EQUIPMENT FOR SHEEP, (4) CROP FEEDING LAMBS, (5) SHEARING SHEEP, (6) MARKETING WOOL, (7) CULLING THE BREEDING FLOCK, AND (8) FITTING AND SHOWING SHEEP. INCLUDED IN EACH OF THE 24 JOB OUTLINES ARE LEARNING OBJECTIVES, TEACHING TECHNIQUES, REFERENCES, AND A FACTUAL ANALYSIS OF EACH UNIT. (JS)|

VT 014 370
NELSON, ALLEN H.
SOURCE UNIT IN SOILS.

COLORADO STATE UNIV., FT. COLLINS. DEPT. OF VOCATIONAL EDUCATION.;COLORADO STATE BOARD FOR COMMUNITY COLLEGES AND OCCUPATIONAL EDUCATION, DENVER.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 51P.

DESCRIPTORS - *RESOURCE GUIDES; RESOURCE MATERIALS; TEACHING TECHNIQUES; *LESSON PLANS; *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; EDUCATIONAL OBJECTIVES; SOIL CONSERVATION; *SOIL SCIENCE; CURRICULUM DEVELOPMENT

ABSTRACT - DEVELOPED AS A RESOURCE GUIDE, THIS DOCUMENT WAS PREPARED TO HELP VOCATIONAL AGRICULTURE TEACHERS TO ANALYZE THE AREA OF SOILS AND TO ORGANIZE LESSON UNITS. ARRANGED IN OUTLINE FORMAT, THE GUIDE IDENTIFIES 17 INSTRUCTIONAL AREAS INCLUDING: (1) BECOMING FAMILIAR WITH SOILS, (2) RECOGNIZING SOIL COLOR AND ITS CAUSES, (3) REVIEWING THE HISTORY OF SOIL CONSERVATION, (4) UNDERSTANDING THE FORMS OF EROSION AND HOW THEY OCCUR, (5) MAKING A FARM CONSERVATION PLAN, AND (6) BECOMING FAMILIAR WITH METHODS OF IRRIGATION. ALSO INCLUDED ARE LEARNING OBJECTIVES, TEACHING TECHNIQUES, REFERENCES, AND A FACTUAL ANALYSIS OF EACH UNIT. (JS)|

VT 014 380
BOLLESEN, ROBERT;SOMMERS, RONALD
PLOWS AND PLOWING: STUDENT WORKBOOK FOR VOCATIONAL AGRICULTURE.

MINNESOTA UNIV., ST. PAUL.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 24P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; *STUDY GUIDES; *FARM OCCUPATIONS; SECONDARY EDUCATION; INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; EDUCATIONAL OBJECTIVES; TEACHING TECHNIQUES; *AGRICULTURAL MACHINERY
IDENTIFIERS - PLOWING

ABSTRACT - DEVELOPED BY AGRICULTURE EDUCATORS, THIS STUDENT WORKBOOK WAS DESIGNED FOR HIGH SCHOOL VOCATIONAL AGRICULTURE CLASSES. INCLUDING FIVE LESSONS ON THE PRINCIPLES OF PLOW OPERATION, THE STUDY GUIDE IS DESIGNED TO BE ADAPTED TO THE LOCAL CLASS SITUATION. IT IS ALSO RECOMMENDED THAT A PLOW BE AVAILABLE IN THE SHOP FOR STUDY AND FOR SERVICE, MAINTENANCE, AND ADJUSTMENT. ARRANGED IN A QUESTION/ANSWER FORMAT, THE FIVE LESSONS IN THE STUDY GUIDE PROVIDE SPACES FOR STUDENT RESPONSES AND COVER TOPICS SUCH AS: (1) PLOWS AND PLOWING, (2) DESIGN OF THE PLOW, (3) MAINTENANCE OF THE MOLDBOARD PLOW, (4) HITCHING THE PLOW, AND (5) ADJUSTING AND HITCHING WORKSHEET. THE INSTRUCTOR'S RESOURCE UNIT IS AVAILABLE IN THIS ISSUE AS VT 014 381. (JS)|

VT 014 381
BOLLESEN, ROBERT;SOMMERS, RONALD
PLOWS AND PLOWING FOR VOCATIONAL AGRICULTURE. RESOURCE UNIT.

MINNESOTA UNIV., ST. PAUL.
MF AVAILABLE IN VT-ERIC SET.

PUB DATE - ND 23P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; *TEACHING GUIDES; *FARM OCCUPATIONS; SECONDARY EDUCATION; INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; TEACHING TECHNIQUES; EDUCATIONAL OBJECTIVES; *AGRICULTURAL MACHINERY; AGRICULTURAL MACHINERY OCCUPATIONS
IDENTIFIERS - PLOWS; PLOWING

ABSTRACT - DEVELOPED BY AGRICULTURE EDUCATORS, THIS TEACHING GUIDE ON PLOWS AND PLOWING WAS DESIGNED FOR HIGH SCHOOL VOCATIONAL AGRICULTURE CLASSES. ARRANGED IN OUTLINE FORMAT, THE GUIDE INCLUDES THE FOLLOWING SECTIONS: (1) INTRODUCTION, (2) SUGGESTIONS TO THE INSTRUCTOR, (3) UNIT OBJECTIVES, (4) REFERENCES AND VISUAL AIDS, (5) DEMONSTRATIONS, AND (6) ANSWERS TO LESSONS. A STUDENT WORKBOOK AND A MANUAL ARE ESSENTIAL FOR EACH STUDENT DURING THE CLASSROOM PHASE OF THE PROGRAM. ALSO SHOP ACTIVITIES SHOULD BE CENTERED AROUND THE COMPONENT PARTS OF THE PLOW AS WELL AS ADJUSTMENT AND MAINTENANCE. THE STUDENT STUDY GUIDE FOR WHICH ANSWERS ARE PROVIDED IS AVAILABLE IN THIS ISSUE AS VT 014 380. (AUTHOR/JS))

VT 014 385 ED 057 242
BUCKEY, SYLVIA, AND OTHERS
NURSERY PRODUCTION, A STUDENT HANDBOOK.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF VOCATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. DIV. OF ADULT AND VOCATIONAL EDUCATION
EDRS PRICE MF-$0.65 HC-$9.87.
THE PENNSYLVANIA STATE UNIVERSITY, COLLEGE OF AGRICULTURE, AGRICULTURAL EXPERIMENT STATION, DEPT. OF AGRICULTURAL EDUCATION, UNIVERSITY PARK, PA 16802 ($2.50)
PUB DATE - 71 221P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *NURSERIES (HORTICULTURE); INSTRUCTIONAL MATERIALS; REFERENCE MATERIALS; *TEXTBOOKS; STUDY GUIDES; BEHAVIORAL OBJECTIVES; *ORNAMENTAL HORTICULTURE OCCUPATION

ABSTRACT - DEVELOPED BY A GROUP OF UNIVERSITY FACULTY MEMBERS AND GRADUATE STUDENTS, THIS TEXTBOOK IS DESIGNED FOR HIGH SCHOOL, TECHNICAL SCHOOL, AND ASSOCIATE DEGREE AGRICULTURAL PROGRAMS IN THE NORTHEAST SECTION OF THE UNITED STATES WHO STUDY THE NURSERY INDUSTRY. CHAPTER TOPICS, WHICH INCLUDE 84 SUBTOPICS, ARE: (1) KINDS OF NURSERIES, (2) OCCUPATION IN NURSERY PRODUCTION, (3) THE PHYSICAL PLANT, (4) HOW PLANTS GROW, (5) GROWING NURSERY STOCK IN THE FIELD, (6) GROWING NURSERY STOCK IN CONTAINERS, (7) MARKETING, AND (8) HOW MANAGERS THINK. EACH CHAPTER CONTAINS STATED LEARNING OBJECTIVES, KEY QUESTIONS, KEY WORDS AND RELATED INFORMATION. THE MATERIAL IS ILLUSTRATED WITH PICTURES AND DRAWINGS. A LIST OF REFERENCES IS GIVEN, AND A LIST OF RECOMMENDED TREES, SHRUBS, AND FLOWERS FOR SCHOOL ARBORETUMS, INFORMATION CONCERNING THE TRACTORS AND FARM MACHINERY, AND A CALENDAR OF NURSERY OPERATIONS ARE APPENDED. A RELATED DOCUMENT, THE TEACHER'S MANUAL, IS AVAILABLE IN THIS ISSUE AS VT 014 386. (GEB)

VT 014 386 ED 057 243
BUCKEY, SYLVIA, AND OTHERS
NURSERY PRODUCTION, A TEACHER'S MANUAL.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C. DIV. OF ADULT AND VOCATIONAL RESEARCH
EDRS PRICE MF-$0.65 HC-$9.87.
THE PENNSYLVANIA STATE UNIVERSITY, COLLEGE OF AGRICULTURE, AGRICULTURAL EXPERIMENT STATION, DEPT. OF AGRICULTURAL EDUCATION, UNIVERSITY PARK, PA 16802 ($3.00)
PUB DATE - 71 254P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE;

*NURSERIES (HORTICULTURE); *INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; CURRICULUM GUIDES; MANUALS; REFERENCE MATERIALS; TESTS; BEHAVIORAL OBJECTIVES; *ORNAMENTAL HORTICULTURE OCCUPATION

ABSTRACT - DEVELOPED BY A GROUP OF UNIVERSITY FACULTY MEMBERS AND GRADUATE ASSISTANTS, THIS PLANNING GUIDE IS DESIGNED FOR TEACHERS' USE IN HIGH SCHOOL, TECHNICAL SCHOOL, AND ASSOCIATE DEGREE AGRICULTURE PROGRAMS IN TEACHING NURSERY PRODUCTION WITH THE FOCUS ON ENTRY AND ADVANCED LEVEL OCCUPATIONS. THIS MANUAL CONSISTS OF THE TEXT OF THE STUDENT HANDBOOK PLUS SUGGESTIONS FOR THE TEACHER. CHAPTER TOPICS, WHICH INCLUDE 84 SUBTOPICS, ARE: (1) KINDS OF NURSERIES, (2) OCCUPATION IN NURSERY PRODUCTION, (3) THE PHYSICAL PLANT, (4) HOW PLANTS GROW, (5) PROPAGATION OF NURSERY STOCK, (6) GROWING NURSERY STOCK IN THE FIELD, (7) GROWING NURSERY STOCK IN CONTAINERS, (8) MARKETING, AND (9) HOW MANAGERS THINK. EACH CHAPTER CONTAINS STATED LEARNING OBJECTIVES, KEY QUESTIONS, KEY WORDS, RELATED INFORMATION, SUGGESTED ACTIVITIES AND RESOURCES, AND A TEST. THE MATERIAL IS ILLUSTRATED WITH PICTURES AND DRAWINGS. A LIST OF REFERENCES IS GIVEN, AND A LIST OF RECOMMENDED TREES, SHRUBS, AND FLOWERS FOR SCHOOL ARBORETUMS, INFORMATION CONCERNING THE OPERATION OF TRACTORS AND FARM MACHINERY, AND A CALENDAR OF NURSERY OPERATIONS ARE APPENDED. A RELATED DOCUMENT, THE STUDENT HANDBOOK, IS AVAILABLE IN THIS ISSUE AS VT 014 385. (GEB)

VT 014 450
SCHEUBER, JOHN R.
AGRI-BUSINESS CURRICULUM GUIDE FOR CALIFORNIA COMMUNITY COLLEGES.

MODESTO JUNIOR COLL., CALIF.;CALIFORNIA COMMUNITY COLLEGES, SACRAMENTO. OFFICE OF THE CHANCELLOR.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 38P.

DESCRIPTORS - *PROGRAM GUIDES; *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; EMPLOYMENT OPPORTUNITIES; PROGRAM DEVELOPMENT; *CURRICULUM DEVELOPMENT; GUIDELINES; *AGRIBUSINESS; COMMUNITY COLLEGES; *TECHNICAL EDUCATION; POST SECONDARY EDUCATION; AGRICULTURAL TECHNICIANS

ABSTRACT - DEVELOPED BY A PROGRAM SPECIALIST FOR USE IN PLANNING COMMUNITY COLLEGE PROGRAMS, THIS CURRICULUM GUIDE COVERS SUCH TOPICS AS: (1) THE SCOPE OF AGRI-BUSINESS, (2) EMPLOYMENT OPPORTUNITIES, (3) INITIATING THE PROGRAM, (4) DEVELOPING THE CURRICULUM--GUIDELINES, AND (5) DEVELOPING THE PROGRAM. THE APPENDIXES PROVIDE INFORMATION ON JOB OPPORTUNITIES BY OPTION AND SAMPLE PROGRAMS IN AGRI-BUSINESS. THE GUIDE SUGGESTS A CORE OF COURSES FOR AGRI-BUSINESS CURRICULUMS AND FIVE AREAS OF SPECIALIZATION. (JS)|

VT 014 454
CAMPBELL, RANDALL G.;CURTIS, SAMUEL M.
MILK MARKETING FOR PENNSYLVANIA DAIRYMEN. TEACHER'S GUIDE.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
TEAC-EDU-SER-V12-N2T
DEPARTMENT OF AGRICULTURAL EDUCATION, 101 AGRICULTURAL EDUCATION BUILDING, PENNSYLVANIA STATE UNIVERSITY, UNIVERSITY PARK, PA 16802 ($1.00/COPY)
PUB DATE - 71 48P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; GRADE 12; *TEACHING GUIDES; *AGRICULTURAL PRODUCTION; *DAIRYMEN; *MARKETING; AGRIBUSINESS

ABSTRACT - DESIGNED FOR TWELFTH GRADE OR ADULT FARMER EDUCATION CLASSES, THIS TEACHING GUIDE CONTAINS EXPERIENCES RELATING TO MILK MARKETING. UNITS ARE: (1)

BASIC QUALITIES OF MILK AND THE HISTORY OF THE DAIRY INDUSTRY, (2) DAIRY PRODUCTION PRINCIPLES AND CONSUMER TRENDS AS THEY RELATE TO MILK MARKETING, (3) PRODUCER INTERESTS IN THE PROCESSING AND MANUFACTURE OF MILK, (4) DAIRY PRODUCTS, (5) FEDERAL AGENCIES AFFECTING THE FLUID MILK INDUSTRY, AND (6) STATE AND LOCAL AGENCIES AFFECTING THE FLUID MILK INDUSTRY. PURPOSE, OBJECTIVES, PLANNING SUGGESTIONS, LEARNING ACTIVITIES, AND REFERENCES ACCOMPANY EACH UNIT. SEVERAL TEACHING MATERIALS ARE APPENDED, AND A STUDENT MANUAL IS AVAILABLE IN THIS ISSUE AS VT 013 879. (SB)|

VT 014 474
AGRICULTURE POWER-HYDRAULICS. A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF POWER-HYDRAULICS IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN.

WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON.;WISCONSIN STATE UNIV., PLATTEVILLE.;WISCONSIN STATE UNIV., RIVER FALLS.;WISCONSIN UNIV., MADISON.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL71 26P.DEVELOPED AT CURRICULUM WORKSHOP CONDUCTED AT WISCONSIN STATE UNIV., RIVER FALLS, JULY 26-30, 1971; AND WISCONSIN UNIV., MADISON

DESCRIPTORS - *HYDRAULICS; *RESOURCE UNITS; *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; AGRICULTURAL MACHINERY; CURRICULUM DEVELOPMENT; INSTRUCTIONAL MATERIALS; COURSE CONTENT; COURSE ORGANIZATION; EDUCATIONAL OBJECTIVES; CONCEPT TEACHING; BIBLIOGRAPHIES; INSTRUCTIONAL MEDIA; TEACHING TECHNIQUES; TEACHER WORKSHOPS; *AGRICULTURAL ENGINEERING

ABSTRACT - PREPARED THROUGH A PILOT PROGRAM WORKSHOP, THIS RESOURCE UNIT WAS DEVELOPED TO HELP HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS PLAN AND ORGANIZE THEIR PROGRAM IN HYDRAULICS. ORGANIZED BY EDUCATIONAL OBJECTIVES, THE DOCUMENT OUTLINES TOPICS SUCH AS: (1) EMPLOYMENT OPPORTUNITIES, (2) HYDRAULIC PRINCIPLES, (3) PRESSURE AND FLOW IN A HYDRAULIC SYSTEM, (4) PRINCIPLES OF PUMP OPERATION, (5) FLUID CONTAMINANTS IN A HYDRAULIC SYSTEM, AND (6) MAINTENANCE PROCEDURES. BASED ON AN ESTIMATED TEACHING TIME OF 90 HOURS, THIS RESOURCE UNIT ALSO SUGGESTS PRINCIPLES OR CONCEPTS TO BE LEARNED, LEARNING ACTIVITIES, INSTRUCTIONAL MEDIA, AND TYPICAL QUESTIONS AND PROBLEMS OF STUDENTS. THE BIBLIOGRAPHY INCLUDES: (1) PUBLICATIONS, (2) PERIODICALS, (3) COURSE OUTLINES, (4) SLIDES, (6) FILMSTRIPS, (7) FILMS, AND (8) OCCUPATIONAL GUIDANCE MATERIALS. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 475-VT 014 481. (JS)|

VT 014 475
AGRICULTURE SALES AND SERVICE. A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF SALES AND SERVICE IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN.

WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON.;WISCONSIN STATE UNIV., PLATTEVILLE.;WISCONSIN STATE UNIV., RIVER FALLS.;WISCONSIN UNIV., MADISON.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL71 31P.DEVELOPED AT A CURRICULUM WORKSHOP CONDUCTED AT WISCONSIN STATE UNIV., RIVER FALLS, JULY 26-30, 1971; WISCONSIN UNIV., MADISON,

DESCRIPTORS - *RESOURCE UNITS; *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; CURRICULUM DEVELOPMENT; INSTRUCTIONAL MATERIALS; COURSE CONTENT; *COURSE ORGANIZATION; EDUCATIONAL OBJECTIVES; CONCEPT TEACHING; BIBLIOGRAPHIES; INSTRUCTIONAL MEDIA; TEACHER WORKSHOPS; TEACHING TECHNIQUES; COOPERATIVE EDUCATION; *SALESMANSHIP

ABSTRACT - PREPARED THROUGH A PILOT PROGRAM WORKSHOP, THIS RESOURCE UNIT WAS DEVELOPED TO HELP HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS PLAN AND ORGANIZE THEIR PROGRAM IN SALES IN SERVICE. ORGANIZED BY EDUCATIONAL OBJECTIVES THE DOCUMENT OUTLINES TOPICS SUCH AS: (1) SELLING IN OUR AMERICAN ECONOMY, (2) CHARACTERISTICS OF A SALESMAN, (3) CARRYING OUT A CONVERSATION, (4) LETTER OF APPLICATION, (5) THE JOB INTERVIEW, (6) CLOSING THE SALE, (7) COMPUTING THE SALES TICKET, AND (8) USING CREDIT IN AGRI-BUSINESS. THE UNIT ALSO SUGGESTS PRINCIPLES OR CONCEPTS TO BE LEARNED, LEARNING ACTIVITIES, INSTRUCTIONAL MEDIA, AND TYPICAL QUESTIONS AND PROBLEMS OF STUDENTS. THE BIBLIOGRAPHY INCLUDES TEXTBOOKS, PAMPHLETS AND BULLETINS, AND FILMSTRIPS. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 474 AND VT 014 476-VT 014 481. (JS)|

VT 014 476
CANNING INDUSTRY--COMMERCIAL PRODUCTION OF VEGETABLE CROPS. A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF CANNING INDUSTRY--COMMERCIAL PRODUCTION OF VEGETABLE CROPS IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN.

WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON.;WISCONSIN STATE UNIV., PLATTEVILLE.;WISCONSIN STATE UNIV., RIVER FALLS.;WISCONSIN UNIV., MADISON.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL71 23P.DEVELOPED AT A CURRICULUM WORKSHOP CONDUCTED AT WISCONSIN STATE UNIV., RIVER FALLS, JULY 26-30, 1971; WISCONSIN UNIV., MADISON,

DESCRIPTORS - *RESOURCE UNITS; *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; CURRICULUM DEVELOPMENT; INSTRUCTIONAL MATERIALS; COURSE CONTENT; *COURSE ORGANIZATION; EDUCATIONAL OBJECTIVES; CONCEPT TEACHING; BIBLIOGRAPHIES; INSTRUCTIONAL MEDIA; TEACHING TECHNIQUES; TEACHER WORKSHOPS; *FOOD PROCESSING OCCUPATIONS

ABSTRACT - PREPARED THROUGH A PILOT PROGRAM WORKSHOP, THIS RESOURCE UNIT WAS DEVELOPED TO HELP HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS PLAN AND ORGANIZE THEIR PROGRAMS ON THE CANNING INDUSTRY. ORGANIZED BY EDUCATIONAL OBJECTIVES, THE DOCUMENT OUTLINES TOPICS SUCH AS: (1) INTRODUCTION TO THE CANNING INDUSTRY, (2) SOILS FOR VEGETABLE CROPS, (3) PLANT GROWTH AND DEVELOPMENT, (4) CULTURAL PRACTICES, AND HARVESTING OF VEGETABLE CROPS. THIS RESOURCE UNIT ALSO SUGGESTS PRINCIPLES OR CONCEPTS TO BE LEARNED, LEARNING ACTIVITIES, INSTRUCTIONAL MEDIA, AND TYPICAL QUESTIONS AND PROBLEMS OF STUDENTS. THE BIBLIOGRAPHY PROVIDES TEXTS AND OTHER REFERENCES. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 474, VT 014 475 AND VT 014 477-VT 014 481. (JS)|

VT 014 477
CONSERVATION--WATER. A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF CONSERVATION--WATER IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN.

WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON.;WISCONSIN STATE UNIV., PLATTEVILLE.;WISCONSIN STATE UNIV., RIVER FALLS.;WISCONSIN UNIV., MADISON.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL71 27P.DEVELOPED AT A CURRICULUM WORKSHOP CONDUCTED AT WISCONSIN STATE UNIV., RIVER FALLS, JULY 26-30, 1971; WISCONSIN UNIV., MADISON,

DESCRIPTORS - *RESOURCE UNITS; *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; CURRICULUM DEVELOPMENT; INSTRUCTIONAL MATERIALS; COURSE CONTENT; COURSE ORGANIZATION; EDUCATIONAL OBJECTIVES; CONCEPT TEACHING; BIBLIOGRAPHIES; INSTRUCTIONAL

MEDIA; TEACHING TECHNIQUES; TEACHER WORKSHOPS; *CONSERVATION EDUCATION; *WATER RESOURCES; SECONDARY EDUCATION

ABSTRACT - PREPARED THROUGH A PILOT PROGRAM WORKSHOP, THIS RESOURCE UNIT WAS DEVELOPED TO HELP HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS PLAN AND ORGANIZE A PROGRAM ON WATER CONSERVATION. DESIGNED TO BE INTEGRATED INTO THE CONSERVATION COURSE, THE UNIT IS ORGANIZED BY OBJECTIVES AND OUTLINES TOPICS SUCH AS: (1) ORIGIN OF WATER, (2) PROPERTIES OF WATER, (3) WATER BUDGETS, (4) HYDROLOGIC CYCLE, (5) SURFACE WATER, (6) WATER POLLUTION, AND (7) PERSONNEL WORKING IN CONSERVATION. THIS RESOURCE UNIT ALSO SUGGESTS PRINCIPLES OR CONCEPTS TO BE LEARNED, LEARNING ACTIVITIES, INSTRUCTIONAL MEDIA, AND TYPICAL QUESTIONS AND PROBLEMS OF STUDENTS. A BIBLIOGRAPHY LISTS TEXTS, BULLETINS AND PERIODICALS, FILMS, AND VISUALS. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 474-VT 014 476 AND VT 014 478-VT 014 481. (JS)|

VT 014 478
FLORICULTURE AND GREENHOUSE MANAGEMENT. A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF FLORICULTURE AND GREENHOUSE MANAGEMENT IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN.

WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON.;WISCONSIN STATE UNIV., PLATTEVILLE.;WISCONSIN STATE UNIV., RIVER FALLS.;WISCONSIN UNIV., MADISON.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL71 55P.DEVELOPED AT A CURRICULUM WORKSHOP CONDUCTED AT WISCONSIN STATE UNIV., RIVER FALLS, JULY 26-30, 1971; WISCONSIN UNIV., MADISON,

DESCRIPTORS - *RESOURCE UNITS; *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; CURRICULUM DEVELOPMENT; INSTRUCTIONAL MATERIALS; COURSE CONTENT; COURSE ORGANIZATION; EDUCATIONAL OBJECTIVES; CONCEPT TEACHING; BIBLIOGRAPHIES; INSTRUCTIONAL MEDIA; TEACHING TECHNIQUES; TEACHER WORKSHOPS; *FLORICULTURE; *GREENHOUSES; SECONDARY EDUCATION

ABSTRACT - PREPARED THROUGH A PILOT PROGRAM WORKSHOP, THIS RESOURCE UNIT WAS DEVELOPED TO HELP HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS PLAN AND ORGANIZE A PROGRAM ON FLORICULTURE AND GREENHOUSE MANAGEMENT. ORGANIZED BY EDUCATIONAL OBJECTIVES, THE RESOURCE UNIT OUTLINES TOPICS SUCH AS: (1) ESTABLISHING AND MAINTAINING LAWNS AND TURF, (2) LANDSCAPE PLANNING AND DESIGN, (3) CARE AND MAINTENANCE OF LANDSCAPE PLANTS, (4) EXPLORING OCCUPATIONAL OPPORTUNITIES, (5) PROPAGATION OF ORNAMENTAL PLANTS, AND (6) GROWING HORTICULTURAL PLANTS. THIS RESOURCE UNIT ALSO SUGGESTS PRINCIPLES OR CONCEPTS TO BE LEARNED, LEARNING ACTIVITIES, INSTRUCTIONAL MEDIA, AND TYPICAL QUESTIONS AND PROBLEMS OF STUDENTS. A BIBLIOGRAPHY LISTS TEXTS, BULLETINS AND PAMPHLETS, AND AUDIO VISUALS. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 474-VT 014 477 AND VT 014 479-VT 014 481. (JS)|

VT 014 479
PREPARATION FOR OCCUPATIONS IN FORESTRY. A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF PREPARATION FOR OCCUPATIONS IN FORESTRY IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN.

WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON.;WISCONSIN STATE UNIV., PLATTEVILLE.;WISCONSIN STATE UNIV., RIVER FALLS.;WISCONSIN UNIV., MADISON.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL71 36P.DEVELOPED AT A CURRICULUM WORKSHOP CONDUCTED AT WISCONSIN STATE UNIV., RIVER FALLS, JULY 26-30, 1971; WISCONSIN UNIV., MADISON,

DESCRIPTORS - *RESOURCE UNITS; *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; CURRICULUM DEVELOPMENT; INSTRUCTIONAL MATERIALS; COURSE CONTENT; COURSE ORGANIZATION; EDUCATIONAL OBJECTIVES; CONCEPT TEACHING; BIBLIOGRAPHIES; INSTRUCTIONAL MEDIA; TEACHING TECHNIQUES; SECONDARY EDUCATION; *CAREER EDUCATION; CAREER PLANNING; *OCCUPATIONAL GUIDANCE; *FORESTRY

ABSTRACT - PREPARED THROUGH A PILOT PROGRAM WORKSHOP, THIS RESOURCE UNIT WAS DEVELOPED TO HELP HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS PLAN AND ORGANIZE A PROGRAM ON FORESTRY OCCUPATIONS. ORGANIZED BY EDUCATIONAL OBJECTIVES, THE UNIT OUTLINES TOPICS SUCH AS: (1) JOB OPPORTUNITIES IN FORESTRY, (2) MULTIPLE USE IN FOREST MANAGEMENT, (3) TREE PLANTING, (4) METHODS OF PLANTING A TREE, (5) HARVESTING, (6) INSECTS COMMON TO WISCONSIN TREES, (7) LAND MEASUREMENTS, AND (8) FOREST FIRE PROTECTION. ALSO SUGGESTED IN THIS UNIT ARE PRINCIPLES OR CONCEPTS TO BE LEARNED, LEARNING ACTIVITIES, INSTRUCTIONAL MEDIA, AND TYPICAL QUESTIONS AND PROBLEMS OF STUDENTS. A BIBLIOGRAPHY LISTS TEXTS, PAMPHLETS AND BULLETINS, MAGAZINES, AND AUDIO VISUAL AIDS. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 474-VT 014 478 AND AS VT 014 480-VT 014 481. (JS)|

VT 014 480
PREPARATION FOR OCCUPATIONS IN MEAT PROCESSING. A RESOURCE UNIT FOR TEACHING BASIC PRINCIPLES OF PREPARATION FOR OCCUPATIONS IN MEAT PROCESSING IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN.

WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON.;WISCONSIN STATE UNIV., PLATTEVILLE.;WISCONSIN STATE UNIV., RIVER FALLS.;WISCONSIN UNIV., MADISON.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL71 23P.DEVELOPED AT A CURRICULUM WORKSHOP CONDUCTED AT WISCONSIN STATE UNIV., RIVER FALLS, JULY 26-30, 1971; WISCONSIN UNIV., MADISON,

DESCRIPTORS - *RESOURCE UNITS; *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; CURRICULUM DEVELOPMENT; INSTRUCTIONAL MATERIALS; COURSE CONTENT; COURSE ORGANIZATION; EDUCATIONAL OBJECTIVES; CONCEPT TEACHING; BIBLIOGRAPHIES; INSTRUCTIONAL MEDIA; TEACHING TECHNIQUES; SECONDARY EDUCATION; *CAREER EDUCATION; CAREER PLANNING; *OCCUPATIONAL GUIDANCE; MEAT; *MEAT PACKING INDUSTRY

ABSTRACT - PREPARED THROUGH A PILOT PROGRAM WORKSHOP, THIS RESOURCE UNIT WAS DEVELOPED TO HELP HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS PLAN AND ORGANIZE A PROGRAM ON MEAT PROCESSING OCCUPATIONS. ORGANIZED BY EDUCATIONAL OBJECTIVES, THE UNIT OUTLINES TOPICS SUCH AS: (1) BREED CHARACTERISTICS, (2) MEAT INSPECTION, (3) PART IDENTIFICATION OF MARKET ANIMALS, (4) GRADES OF MARKET ANIMALS, (5) WHOLESALE CUTS, AND (6) OCCUPATIONS IN THE MEAT INDUSTRY. ALSO SUGGESTED IN THE UNIT ARE PRINCIPLES OR CONCEPTS TO BE LEARNED, LEARNING ACTIVITIES, INSTRUCTIONAL ACTIVITIES, INSTRUCTIONAL MEDIA, AND TYPICAL QUESTIONS AND PROBLEMS OF STUDENTS. A BIBLIOGRAPHY LISTS BOOKS, BULLETINS AND PAMPHLETS, AND VISUALS. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 474-VT 014 479 AND VT 014 481. (JS)|

VT 014 481
THE WORLD OF WORK. A LEARNING ACTIVITY PAK IN AGRICULTURAL EDUCATION COURSES IN WISCONSIN.

WISCONSIN STATE DEPT. OF PUBLIC INSTRUCTION, MADISON.;WISCONSIN STATE UNIV., PLATTEVILLE.;WISCONSIN STATE UNIV., RIVER FALLS.;WISCONSIN UNIV., MADISON.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL71
111P.DEVELOPED AT A CURRICULUM WORKSHOP CONDUCTED AT WISCONSIN STATE UNIV., RIVER FALLS, JULY 26-30, 1971; WISCONSIN UNIV., MADISON,

DESCRIPTORS - RESOURCE MATERIALS; INSTRUCTIONAL MATERIALS; *TEACHING GUIDES; CURRICULUM DEVELOPMENT; EMPLOYMENT OPPORTUNITIES; EDUCATIONAL OBJECTIVES; TEACHER WORKSHOPS; *COURSE ORGANIZATION; *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; COURSE CONTENT; *JOB APPLICATION; EMPLOYMENT INTERVIEWS; *VOCATIONAL ADJUSTMENT

ABSTRACT - DEVELOPED THROUGH A PILOT PROGRAM WORKSHOP, THIS COLOR-CODED TEACHING GUIDE WAS PREPARED TO HELP VOCATIONAL AGRICULTURE TEACHERS TO PLAN AND IMPLEMENT A PROGRAM ON THE WORLD OF WORK. WITH EMPHASIS ON THE EMPLOYMENT PROCESS AND WORK ADJUSTMENT, THE GUIDE INCLUDES 16 LESSONS ON: (1) VALUES, (2) INTEREST AND APTITUDES-ABILITIES, (3) PERSONALITY TRAITS, (4) PERSONAL QUALITIES OF PEOPLE, (5) EMPLOYMENT QUALIFICATIONS, (6) SOURCES OF JOB OPPORTUNITIES, (7) PART-TIME EMPLOYMENT, (8) COMPLETING APPLICATION FORMS, (9) LETTER OF APPLICATION, (10) PERSONAL DATA SHEETS, (11) THE INTERVIEW, (12) ATTITUDES AND EMPLOYER-EMPLOYEE EXPECTATIONS, (13) GETTING ALONG WITH FELLOW WORKERS, (14) UNIONS AND PROFESSIONAL ORGANIZATIONS, (15) SUPERVISORS' RESPONSIBILITIES, AND (16) TERMINATING A JOB. ALSO INCLUDED ARE LEARNING OBJECTIVES, PRE- AND POSTTESTS, AND LEARNING ACTIVITIES. THE BIBLIOGRAPHY PROVIDES NAMES OF TEXTS, PAMPHLETS, AND AUDIO-VISUAL AIDS. RELATED DOCUMENTS ARE AVAILABLE AS VT 014 474-VT 014 480. (JS)|

VT 014 485
VOCATIONAL EDUCATION.

MARSHALL COMMUNITY UNIT SCHOOLS, ILL.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 70 56P.1969-1970 REVISION.

DESCRIPTORS - VOCATIONAL EDUCATION; *BUSINESS EDUCATION; *AGRICULTURAL EDUCATION; *INDUSTRIAL ARTS; *HOME ECONOMICS; INSTRUCTIONAL MATERIALS; EDUCATIONAL OBJECTIVES; *CURRICULUM GUIDES; COURSE OBJECTIVES; COURSE CONTENT
IDENTIFIERS - *DIVERSIFIED OCCUPATIONS

ABSTRACT - PREPARED FOR THE COMMUNITY UNIT SCHOOLS, THIS DOCUMENT CONTAINS OUTLINES FOR BUSINESS EDUCATION, HOME ECONOMICS, INDUSTRIAL ARTS, DIVERSIFIED OCCUPATIONS, AND AGRICULTURAL EDUCATION COURSES. UNDER BUSINESS EDUCATION, SPECIFIC OBJECTIVES ARE STATED FOR: (1) OFFICE OCCUPATIONS, (2) SHORTHAND I AND II, (3) DISTRIBUTIVE EDUCATION, (4) OCCUPATIONS, (5) BOOKKEEPING, (6) CONSUMER PROBLEMS, (7) TYPING I AND II, (8) BUSINESS MACHINES, (9) OFFICE PRACTICE, (10) GENERAL BUSINESS, (11) JUNIOR HIGH TYPING, AND (12) CLERICAL RECORD KEEPING. FOR HOME ECONOMICS, A COURSE DESCRIPTION, METHOD OF EVALUATION, GENERAL OBJECTIVES, AND COURSE OUTLINE ARE GIVEN FOR COURSES OFFERED IN GRADES 7 THROUGH 12. INDUSTRIAL ARTS COURSES OUTLINED INCLUDE: (1) GENERAL WOODS I, (2) POWER MECHANICS, AND (3) CABINET MAKING. LISTS OF POSSIBLE OCCUPATIONS AND SUGGESTED RELATED MATERIAL ARE PROVIDED FOR THE DIVERSIFIED OCCUPATIONS COURSE. THE AGRICULTURE CURRICULUM OUTLINE INCLUDES: (1) MECHANICAL DRAWING, (2) ARCHITECTURAL DRAWING, (3) ELECTRICITY-ELECTRONICS, (4) AGRICULTURE OCCUPATIONS I THROUGH IV, AND (5) AN ADULT PROGRAM IN AGRICULTURE. (GEB)|

VT 014 542 ED 058 444
VOCATIONAL INSTRUCTIONAL MATERIALS FOR AGRICULTURE AVAILABLE FROM FEDERAL AGENCIES.

NORTHWEST REGIONAL EDUCATIONAL LAB., PORTLAND, OREG.
OFFICE OF EDUCATION (DHEW),

WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$6.58.
SUPERINTENDENT OF DOCUMENTS, U.S.
GOVERNMENT PRINTING OFFICE,
WASHINGTON, D.C. 20402 (STOCK NO.
1780-0836, $1.50)
PUB DATE - AUG71 135P.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *AGRICULTURAL EDUCATION; *INSTRUCTIONAL MATERIALS; *RESOURCE MATERIALS; EDUCATIONAL RESOURCES; VOCATIONAL EDUCATION; CAREER EDUCATION; OCCUPATIONAL GUIDANCE; HANDICAPPED STUDENTS; VOCATIONAL COUNSELING; DISADVANTAGED GROUPS; TEACHER EDUCATION; *FEDERAL GOVERNMENT
IDENTIFIERS - *FEDERAL AGENCIES

ABSTRACT - THIS ANNOTATED BIBLIOGRAPHY LISTS CURRICULUM MATERIALS FOR AGRICULTURAL EDUCATION WHICH WERE PRODUCED BY FEDERAL AGENCIES AND APPROPRIATE FOR THESE SUBJECT MATTER AREAS: (1) PRODUCTION, (2) SUPPLIES AND SERVICES, (3) MECHANICS, (4) AGRICULTURAL PRODUCTS, (5) ORNAMENTAL HORTICULTURE, (6) NATURAL RESOURCES, AND (7) FORESTRY. WHERE POSSIBLE, THOSE SUBJECT MATTER AREAS ARE FURTHER SUBDIVIDED INTO SPECIFIC OCCUPATIONAL AREAS. IN ADDITION TO THE AGRICULTURE AREA, INSTRUCTIONAL MATERIALS WHICH MAY HAVE GENERAL APPLICATION TO ANY VOCATIONAL AREA ARE CLASSIFIED INTO THESE CATEGORIES: (1) BASIC EDUCATION, (2) RELATED EDUCATION, (3) GUIDANCE AND COUNSELING, (4) TEACHER EDUCATION, AND (5) DISADVANTAGED/HANDICAPPED: INTERNAL AND EXTERNAL. ENTRIES ARE ARRANGED BY TITLE AND INCLUDE DATE OF PUBLICATION, NUMBER OF PAGES, AUTHOR OR CORPORATE AUTHOR, BRIEF ANNOTATION, SPECIAL ASPECTS, DOCUMENT CONTENTS, RELEVANT INSTRUCTIONAL AREAS, AND DOCUMENT SOURCE. AN INTRODUCTORY SECTION EXPLAINS THE CODING SYSTEM, LOCATING AND ORDERING MATERIALS, AND INTERPRETING CITATIONS. RELATED DOCUMENTS ARE AVAILABLE IN THIS ISSUE AS VT 014 543-VT 014 548. (SB)

VT 014 555
CAREERS IN CONSERVATION. GUIDED OCCUPATIONAL ORIENTATION.

SYRACUSE CITY SCHOOL DISTRICT, N.Y.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 34P.

DESCRIPTORS - *CAREER EDUCATION; *OCCUPATIONAL INFORMATION; *VOCATIONAL GUIDANCE; PRETESTS; POST TESTING; GLOSSARIES; BIBLIOGRAPHIES; INSTRUCTIONAL MATERIALS; TEACHING GUIDES; *TEXTBOOKS; ELEMENTARY GRADES; LEARNING ACTIVITIES; *CONSERVATION EDUCATION
IDENTIFIERS - *CONSERVATION CAREERS

ABSTRACT - DEVELOPED BY THE CAREER CENTER FOR OCCUPATIONAL ORIENTATION, THESE MATERIALS ARE DESIGNED FOR STUDENT AND TEACHER USE IN LEARNING ABOUT SPECIFIC OCCUPATIONS. THIS DOCUMENT IS CONCERNED WITH CAREERS IN CONSERVATION. TOPICS INCLUDE: (1) NATURE OF WORK, (2) REQUIREMENTS OF THE JOB, (3) CONDITIONS OF WORK, AND (4) ADVANTAGES OF THE JOB. LEARNING ACTIVITIES AND ENRICHMENT PROJECTS ARE INCLUDED FOR SEVEN ASSIGNMENTS. A PRETEST AND POSTTEST, A BIBLIOGRAPHY, STANDARD INTERVIEW SHEET, AND A GLOSSARY ARE INCLUDED. THE DOCUMENT IS ILLUSTRATED WITH LINE SKETCHES. (GEB)|

VT 014 557
PEOPLE WHO WORK WITH ANIMALS. GUIDED OCCUPATIONAL ORIENTATION.

SYRACUSE CITY SCHOOL DISTRICT, N.Y.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 29P.

DESCRIPTORS - *CAREER EDUCATION; *OCCUPATIONAL INFORMATION; *VOCATIONAL GUIDANCE; PRETESTS; POST TESTING; GLOSSARIES; BIBLIOGRAPHIES; INSTRUCTIONAL MATERIALS; TEACHING GUIDES; *TEXTBOOKS; ELEMENTARY GRADES; LEARNING ACTIVITIES; *ANIMAL CARETAKERS

ABSTRACT - DEVELOPED BY THE CAREER CENTER FOR OCCUPATIONAL ORIENTATION, THESE MATERIALS ARE DESIGNED FOR STUDENT AND TEACHER USE IN LEARNING ABOUT SPECIFIC OCCUPATIONS. THIS DOCUMENT IS CONCERNED WITH PEOPLE WHO WORK WITH ANIMALS. TOPICS INCLUDE: (1) NATURE OF WORK, (2) REQUIREMENTS OF THE JOB, (3) CONDITIONS OF WORK, AND (4) ADVANTAGES OF THE JOB. LEARNING ACTIVITIES AND ENRICHMENT PROJECTS ARE INCLUDED FOR 13 ASSIGNMENTS. A PRETEST AND POSTTEST, A BIBLIOGRAPHY, STANDARD INTERVIEW SHEET, AND A GLOSSARY ARE INCLUDED. THE DOCUMENT IS ILLUSTRATED WITH LINE SKETCHES. (GEB)

VT 014 608 ED 058 457
WOODS, HARVEY S.; STITT, THOMAS R.
NEPAL VOCATIONAL AGRICULTURE TEACHER'S HANDBOOK.

SOUTHERN ILLINOIS UNIV., CARBONDALE. DEPT. OF AGRICULTURAL INDUSTRIES.;JANAK EDUCATION MATERIALS CENTER, BHAKTAPUR (NEPAL).
EDRS PRICE MF-$0.65 HC-$9.87.
PUB DATE - AUG71 250P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE TEACHERS; VOCATIONAL AGRICULTURE; *MANUALS; AGRICULTURAL EDUCATION; *TEACHER EDUCATION; TEACHING GUIDES; TEACHING TECHNIQUES; TEACHING METHODS; UNIT PLANS; FOREIGN COUNTRIES; *DEVELOPING NATIONS; STUDENT CHARACTERISTICS; FAMILY CHARACTERISTICS; *EFFECTIVE TEACHING; LEARNING PROCESSES; STUDENT ORGANIZATIONS
IDENTIFIERS - *NEPAL

ABSTRACT - THIS TWO-PART HANDBOOK REVIEWS PRESENT TEACHING MATERIALS USED BY VOCATIONAL AGRICULTURE TEACHERS OF NEPAL, DISCUSSES OPPORTUNITIES FOR IMPROVEMENT OF CURRICULUM MATERIALS AND TEACHING METHODS, AND PROVIDES ADDITIONAL MATERIALS FOR THE IMPROVEMENT OF ACADEMIC, VOCATIONAL, AND PROFESSIONAL COMPETENCIES FOR ALL VOCATIONAL AGRICULTURE TEACHERS OF NEPAL. THE FIRST PART OF THE HANDBOOK DISCUSSES: (1) THE STATUS OF VOCATIONAL AGRICULTURE IN NEPAL WITH RESPECT TO SCHOOLS OFFERING PROGRAMS AND THE CHARACTERISTICS OF AN OPTIMUM TEACHING ENVIRONMENT, (2) EDUCATIONAL AND FAMILY BACKGROUNDS OF FULL-TIME VOCATIONAL AGRICULTURE STUDENTS, (3) CONDITIONS CONFRONTING GRADUATES, (4) PRINCIPLES OF TEACHING AND LEARNING, (5) EFFECTIVE TEACHING METHODS, (6) SUPERVISED FARMING, (7) FUTURE FARMERS OF NEPAL, (8) A COURSE OF STUDY IN VOCATIONAL AGRICULTURE, AND (9) YOUNG FARMER TRAINING PROGRAM. THE SECOND PART OF THE HANDBOOK INCLUDES: (1) A DISCUSSION OF LESSON PLAN PREPARATION, INCLUDING DEFINITIONS OF LESSON PLAN AND OBJECTIVE, SUGGESTED TEACHING METHODS, AND COMPONENTS OF A LESSON PLAN, (2) A DISCUSSION OF TEACHING METHODS, INCLUDING LECTURE, GROUP DISCUSSION, SUPERVISED STUDY AND DISCUSSION DEMONSTRATIONS, FIELD TRIPS, AND OTHERS, AND (3) SEVERAL SAMPLE LESSON PLANS. (SB)

VT 014 666
VOCATIONAL YOUTH ORGANIZATIONS IN DELAWARE. AN INTEGRAL PART OF VOCATIONAL EDUCATION PROGRAMS.

DELAWARE STATE DEPT. OF PUBLIC INSTRUCTION, DOVER.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - APR71 40P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *STUDENT ORGANIZATIONS; *TEACHING METHODS; *COCURRICULAR ACTIVITIES; *YOUTH CLUBS
IDENTIFIERS - FUTURE FARMERS OF AMERICA; FFA; FUTURE HOMEMAKERS OF AMERICA; FHA; DISTRIBUTIVE EDUCATION CLUBS OF AMERICA; DECA; VOCATIONAL INDUSTRIAL CLUBS OF AMERICA; VICA; DELAWARE BUSINESS CLUBS; DBC

ABSTRACT - YOUTH ORGANIZATIONS IN VOCATIONAL EDUCATION PROVIDE OPPORTUNITIES FOR DEVELOPING A FEELING OF BELONGINGNESS AND PRIDE IN STUDENTS, INTERPRETING VOCATIONAL EDUCATION TO OTHERS, AND IMPROVING THE PUBLIC IMAGE OF

VOCATIONAL EDUCATION. THIS PUBLICATION DISCUSSES THE BENEFITS AND ROLE OF STUDENT ORGANIZATIONS AND UTILIZING AND IMPLEMENTING THE ORGANIZATIONS AS A METHOD OF INSTRUCTION. THE BOOKLET ALSO PRESENTS DESCRIPTIONS OF THE FOLLOWING STUDENT ORGANIZATIONS: (1) FUTURE FARMERS OF AMERICA, (2) DISTRIBUTIVE EDUCATION CLUBS OF AMERICA, (3) VOCATIONAL INDUSTRIAL CLUBS OF AMERICA, (4) DELAWARE BUSINESS CLUBS, AND (5) FUTURE HOMEMAKERS OF AMERICA. SOURCES OF ADDITIONAL INFORMATION ARE INCLUDED. (SB)|

VT 014 674
SHIELDS, JAMES T.;NEUDAHL, H. KENNETH
WILDLIFE CONSERVATION GUIDE FOR MINNESOTA FFA CHAPTER ADVISERS AND MEMBERS.

MINNESOTA FUTURE FARMERS OF AMERICA.
MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUN71 32P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *WILDLIFE MANAGEMENT; ANIMAL SCIENCE; COCURRICULAR ACTIVITIES; *STUDENT PROJECTS; *STUDENT ORGANIZATIONS; BIBLIOGRAPHIES
IDENTIFIERS - *FUTURE FARMERS OF AMERICA; FFA

ABSTRACT - DESIGNED FOR USE BY FUTURE FARMERS OF AMERICA CLUB MEMBERS, THIS BOOKLET OUTLINES PROJECTS THAT WILL INCREASE WILDLIFE ON FARM LAND AND HELP RURAL YOUTH TO BETTER UNDERSTAND WILDLIFE HABITAT REQUIREMENTS. CONTENTS ARE OUTLINED ACCORDING TO THESE BASIC STEPS: (1) DETERMINING THE TYPES OF GAME BIRDS OR ANIMALS THE LAND IS BEST SUITED TO PRODUCE, (2) STUDYING THE LIFE REQUIREMENTS OF THE SPECIES SELECTED FOR MANAGEMENT, (3) PREPARING A HABITAT MAP OF THE AREA, (4) MAKING A GENERAL INVENTORY OF THE GAME SPECIES ON THE AREA, (5) DETERMINING WHICH OF THE BASIC REQUIREMENTS OF THE SPECIES SELECTED IS LACKING OR IN NEED OF IMPROVEMENT, AND (6) DESIGNING PROJECTS THAT WILL IMPROVE THE WILDLIFE HABITAT AND INCREASE THE NUMBER OF GAME BIRDS OR ANIMALS. PROJECTS ARE INCLUDED FOR PHEASANT, PRAIRIE GROUSE, WATERFOWL, AND DEER AND RUFFED GROUSE. THE BOOKLET IS ILLUSTRATED WITH PHOTOGRAPHS AND LINE DRAWINGS AND A BIBLIOGRAPHY IS INCLUDED. (SB)|

VT 014 678 ED 058 462
A DESCRIPTION AND SOURCE LISTING OF CURRICULUM MATERIALS IN AGRICULTURAL EDUCATION, 1971-1972.

AMERICAN VOCATIONAL ASSOCIATION, WASHINGTON, D.C. AGRICULTURAL EDUCATION DIV.
EDRS PRICE MF-$0.65 HC-$3.29.
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, URBANA, ILLINOIS 61801
PUB DATE - 71 27P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *ANNOTATED BIBLIOGRAPHIES; *INSTRUCTIONAL MATERIALS; *INFORMATION SOURCES; *RESOURCE MATERIALS; AGRICULTURAL ENGINEERING; ANIMAL SCIENCE; SOIL SCIENCE; HORTICULTURE; FORESTRY; FIELD CROPS; AGRICULTURAL OCCUPATIONS; PESTICIDES; DISEASES; AGRONOMY; FARM MANAGEMENT

ABSTRACT - MEMBERS OF THE CURRICULUM MATERIALS COMMITTEE COLLECT MATERIALS AVAILABLE TO THEM PRIOR TO EACH AMERICAN VOCATIONAL ASSOCIATION MEETING. THE RESULTING BIBLIOGRAPHY CONTAINS CURRENT, NON-COMMERCIAL MATERIALS DEVELOPED BY PERSONS IN VOCATIONAL EDUCATION IN AGRICULTURE FOR USE IN THAT FIELD, BUT OF INTEREST BEYOND THE STATE IN WHICH IT WAS DEVELOPED. VOCATIONAL AGRICULTURE TEACHERS, AGRICULTURAL SUPERVISORS, AND AGRICULTURAL TEACHER EDUCATORS SHOULD FIND IT USEFUL. THIS 1971-72 ANNOTATED BIBLIOGRAPHY PRESENTS 169 REFERENCES CLASSIFIED ACCORDING TO THE AGDEX FILING SYSTEM. SUBJECTS

COVERED ARE: (1) FIELD CROPS, (2) HORTICULTURE, (3) FORESTRY, (4) ANIMAL SCIENCE, (5) SOILS, (6) DISEASES AND PESTS, (7) AGRICULTURAL ENGINEERING, (8) AGRICULTURAL ECONOMICS, (9) AGRICULTURAL OCCUPATIONS, AND (10) PROFESSIONAL. (AW)

VT 014 699 ED 059 383
CURRICULUM GUIDE FOR AGRICULTURE.

OREGON STATE BOARD OF EDUCATION, SALEM. DIV. OF COMMUNITY COLLEGES AND CAREER EDUCATION.
DOCUMENT NOT AVAILABLE FROM EDRS.
OREGON BOARD OF EDUCATION, 942 LANCASTER DRIVE, NE, SALEM, OREGON 97310 ($2.50)
PUB DATE - MAR70 156P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *STATE CURRICULUM GUIDES; *OCCUPATIONAL INFORMATION; *LEARNING ACTIVITIES; OCCUPATIONAL CLUSTERS; *CAREER EDUCATION; OCCUPATIONAL GUIDANCE; SECONDARY EDUCATION; INSTRUCTIONAL MATERIALS; CLUSTER ANALYSIS; BEHAVIORAL OBJECTIVES; ANIMAL SCIENCE; PLANT SCIENCE; FARM MECHANICS (OCCUPATIONS); LEADERSHIP TRAINING; SOIL SCIENCE
IDENTIFIERS - THE OREGON WAY

ABSTRACT - DEVELOPED THROUGH A COOPERATIVE EFFORT BY INDUSTRY AND EDUCATION, THIS CURRICULUM GUIDE OUTLINES THE BASIC KNOWLEDGE AND SKILLS NECESSARY FOR ENTRY-LEVEL COMPETENCIES IN THE BROAD FIELD OF AGRICULTURE, OR FOR ENTRANCE INTO A POST-HIGH SCHOOL PROGRAM. THIS GUIDE IS ONE OF SEVERAL DEVELOPED FOR OREGON'S NEW APPROACH TO SECONDARY EDUCATION CALLED "THE OREGON WAY," BASED ON THE ASSUMPTIONS THAT SECONDARY SCHOOLS SHOULD BE PREPARATORY FOR ALL STUDENTS, AND THAT A PREPARATORY PROGRAM TIES THE CURRICULUM TO THE LIVES OF STUDENTS. FOLLOWING THE OCCUPATIONAL AND INSTRUCTIONAL DATA AND CLUSTER CURRICULUM SUGGESTIONS, COURSE OUTLINES ARE PROVIDED FOR: (1) ANIMAL SCIENCE, (2) SOIL SCIENCE, (3) PLANT SCIENCE, (4) AGRICULTURE MECHANICS, (5) LEADERSHIP TRAINING AND PERSONAL DEVELOPMENT, AND (6) AGRICULTURE BUSINESS MANAGEMENT, PLUS A SUPPLEMENTARY UNIT ON AGRICULTURAL OCCUPATIONS. REQUIRED KNOWLEDGE AND SKILLS, BEHAVIORAL OBJECTIVES, AND SUGGESTED LEARNING ACTIVITIES ARE GIVEN FOR EACH UNIT. RECOMMENDATIONS FOR FACILITIES AND EQUIPMENT, AND EVALUATION CRITERIA AND PROCEDURES ARE APPENDED. (GEB)

VT 014 708
COURSE OUTLINE FOR CROP FARM EMPLOYEE.

TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF AGRICULTURAL EDUCATION.;TEXAS STATE ADVISORY COMMITTEE FOR THE OCCUPATION OF CROP FARM EMPLOYEE.
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL INSTRUCTIONAL SERVICES, TEXAS A AND M UNIVERSITY, F.E. BOX 182, COLLEGE STATION, TEXAS 77843 ($8.75)
PUB DATE - ND 669P.

DESCRIPTORS - *CURRICULUM GUIDES; *AGRICULTURAL PRODUCTION; *VOCATIONAL AGRICULTURE; SOIL SCIENCE; *FIELD CROPS; AGRONOMY; HARVESTING; PLANTING; PLANT GROWTH; PESTICIDES; PLANT SCIENCE

ABSTRACT - PREPARED AT THE VOCATIONAL INSTRUCTIONAL SERVICES CENTER, THESE MATERIALS WERE DESIGNED FOR USE BY STUDENTS ENROLLED IN THE VOCATIONAL AGRICULTURE COOPERATIVE PART-TIME PROGRAM. FOLLOWING A GENERAL COURSE OUTLINE AND LIST OF REQUIRED REFERENCES, CONTENTS ARE DIVIDED INTO FOUR COLOR-CODED SECTIONS, THE FIRST PROVIDING ASSIGNMENT AND INFORMATION SHEETS FOR EACH UNIT, THE SECOND CONSISTING OF ANSWER SHEETS KEYED TO THE ASSIGNMENT SHEETS, THE THIRD MADE UP OF TOPIC TESTS, AND THE FOURTH PROVIDING ANSWER SHEETS FOR THE TOPIC TESTS. UNITS ARE: (1) INTRODUCTION, (2) FARM RECORDS, (3) FARM MACHINERY--MAINTENANCE AND OPERATION, (4) FARM STRUCTURES AND EQUIPMENT, (5) CROP SELECTION, (6) LAND PREPARATION, (7) FERTILIZERS, (8) IRRIGATION,

(9) WEED CONTROL, (10) INSECT AND PEST CONTROL, (11) DISEASES AND CONTROL, (12) HARVESTING EQUIPMENT, AND (13) MAJOR CROPS. THE MANUAL IS ILLUSTRATED WITH NUMEROUS DRAWINGS, PHOTOGRAPHS, AND DIAGRAMS. (AW)|

VT 014 709
MORTENSEN, JAMES H.;HOOVER, NORMAN K.
PRODUCTS FROM OUR FORESTS--THEIR MANUFACTURE AND USE. TEACHER'S GUIDE FOR THE STUDENT RESOURCE UNIT.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION.;PENNSYLVANIA FORESTRY ASSOCIATION, MECHANICSBURG.
MF AVAILABLE IN VT-ERIC SET.
TEAC-EDU-SER-V12-N5T
PUB DATE - 71 41P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; FORESTRY; *FORESTRY OCCUPATIONS; *TEACHING GUIDES; *RESOURCE MATERIALS; *INSTRUCTIONAL MATERIALS; HIGH SCHOOL STUDENTS; OCCUPATIONAL INFORMATION; OCCUPATIONAL GUIDANCE; MANUFACTURING INDUSTRY; LUMBER INDUSTRY

ABSTRACT - DEVELOPED BY AGRICULTURAL EDUCATION PERSONNEL, THIS TEACHER'S GUIDE, A COMPANION TO THE STUDENT'S RESOURCE UNIT, IS DESIGNED FOR INSTRUCTOR USE IN PLANNING AND TEACHING A UNIT ABOUT FOREST PRODUCTS. INTENDED FOR HIGH SCHOOL STUDENTS IN BOTH OCCUPATIONAL AND GENERAL EDUCATION, PROBLEM AREAS ARE PRESENTED FOR: (1) INTRODUCTION AND EMPLOYMENT OPPORTUNITIES, (2) LOGGING, (3) PROPERTIES OF WOOD, (4) ROUNDWOOD PRODUCTS, (5) PRODUCING LUMBER, (6) VENEER AND PLYWOOD PRODUCTS, (7) MANUFACTURING WOOD COMPOSITION BOARD, (8) PAPER PRODUCTION, AND (9) MISCELLANEOUS FOREST PRODUCTS. MATERIAL FOR EACH AREA CONTAINS STUDENT OBJECTIVES, SUGGESTED TEACHER PREPARATION AND TEACHING-LEARNING ACTIVITIES, STUDY QUESTIONS, AND SUGGESTED RESOURCE MATERIALS. A LIST OF AVAILABLE RESOURCE MATERIALS SUCH AS PUBLICATIONS, CHARTS, TRANSPARENCIES, FILMS AND SLIDES, AND A UNIT EXAMINATION ARE APPENDED. THE RELATED DOCUMENT, A STUDENT'S RESOURCE UNIT, IS AVAILABLE AS VT 014 710 IN THIS ISSUE. (GEB)|

VT 014 710
MORTENSEN, JAMES H.;ALLISON, RICHARD C.
PRODUCTS FROM OUR FORESTS--THEIR MANUFACTURE AND USE. STUDENT RESOURCE UNIT.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION.;PENNSYLVANIA FORESTRY ASSOCIATION, MECHANICSBURG.
MF AVAILABLE IN VT-ERIC SET.
TEAC-EDU-SER-V12-N5S
PUB DATE - 71 98P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; FORESTRY; *FORESTRY OCCUPATIONS; *STUDY GUIDES; *INSTRUCTIONAL MATERIALS; *TEXTBOOKS; HIGH SCHOOL STUDENTS; OCCUPATIONAL INFORMATION; OCCUPATIONAL GUIDANCE; MANUFACTURING INDUSTRY; LUMBER INDUSTRY

ABSTRACT - DEVELOPED BY AGRICULTURAL EDUCATION PERSONNEL, THIS STUDY GUIDE WAS DESIGNED FOR STUDENT USE IN LEARNING ABOUT FOREST PRODUCTS BOTH FROM AN OCCUPATIONAL POINT OF VIEW AND AS GENERAL EDUCATION. PROBLEM AREAS ARE: (1) INTRODUCTION AND EMPLOYMENT OPPORTUNITIES, (2) LOGGING, (3) PROPERTIES OF WOOD, (4) ROUNDWOOD PRODUCTS, (5) PRODUCING LUMBER, (6) VENEER AND PLYWOOD PRODUCTS, (7) MANUFACTURING WOOD COMPOSITION BOARD, (8) PAPER PRODUCTION, AND (9) MISCELLANEOUS FOREST PRODUCTS. RELATED INFORMATION AND STUDY QUESTIONS ARE PROVIDED FOR EACH PROBLEM AREA. A RELATED DOCUMENT, THE TEACHER'S GUIDE, IS AVAILABLE AS VT 014 709 IN THIS ISSUE. (GEB)|

VT 014 713

CURRICULUM GUIDE FOR AGRI-BUSINESS OCCUPATIONS IN MINNESOTA.

STAPLES AREA VOCATIONAL SCHOOL, MINNESOTA.;MINNESOTA STATE DEPT. OF EDUCATION, ST. PAUL. DIV. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL MATERIALS CENTER, STAPLES AREA VOCATIONAL SCHOOL, STAPLES, MINNESOTA 56479 ($5.00)
PUB DATE - ND 381P.1971 REVISION.

DESCRIPTORS - *CURRICULUM GUIDES; *TEACHING GUIDES; *VOCATIONAL AGRICULTURE; *AGRIBUSINESS; SALESMANSHIP; HUMAN RELATIONS; BUSINESS SUBJECTS; SECONDARY GRADES

ABSTRACT - A REVISION OF AN EARLIER TEACHER'S GUIDE, THIS COURSE GUIDE IS DESIGNED TO AID VOCATIONAL AGRICULTURE TEACHERS IN PLANNING AND PRESENTING AGRI-BUSINESS COURSES ON THE HIGH SCHOOL LEVEL. CONTENTS INCLUDE EIGHT TEACHING UNITS, COVERING: (1) ORIENTATION, (2) HUMAN RELATIONS IN AGRICULTURAL OCCUPATIONS, (3) EFFECTS OF AGRI-BUSINESS ON MODERN SOCIETY, (4) AGRI-BUSINESS OCCUPATIONS, (5) AGRI-BUSINESS ORGANIZATION, (6) AGRI-BUSINESS SALESMANSHIP, (7) BUSINESS PROCEDURES, AND (8) PERSONAL MONEY MANAGEMENT. EACH UNIT PROVIDES BROAD OBJECTIVES FOLLOWED BY TEACHING SUGGESTIONS AND CONTENT. ALSO INCLUDED IN EACH UNIT ARE A LIST OF REFERENCES, TRANSPARENCY MASTERS, TESTS, AND OTHER RELATED MATERIAL. ADDITIONAL TEACHING INFORMATION FOR THE FIRST THREE UNITS IS APPENDED. THE GUIDE IS COLOR-CODED FOR EASE IN USING. (AW)|

VT 014 747
COOPERATIVE EDUCATION IN VOCATIONAL AGRICULTURE. GUIDE FOR DEVELOPING COURSES IN NORTH CAROLINA SCHOOLS.

NORTH CAROLINA STATE DEPT. OF PUBLIC INSTRUCTION, RALEIGH. DIV. OF OCCUPATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL71 50P.

DESCRIPTORS - *PROGRAM GUIDES; RESOURCE MATERIALS; *VOCATIONAL AGRICULTURE; *COOPERATIVE EDUCATION; *COOPERATIVE PROGRAMS; SECONDARY GRADES; AGRICULTURAL OCCUPATIONS; AGRIBUSINESS
IDENTIFIERS - NORTH CAROLINA

ABSTRACT - DEVELOPED IN A CURRICULUM DEVELOPMENT INSTITUTE AT NORTH CAROLINA STATE UNIVERSITY, THIS GUIDE IS DESIGNED TO AID TEACHERS, PRINCIPALS, COUNSELORS, SUPERINTENDENTS, LOCAL DIRECTORS, AND AGRICULTURAL BUSINESSMEN IN ADDING THE COOPERATIVE APPROACH TO THE VOCATIONAL AGRICULTURAL PROGRAM. CONTENTS INCLUDE UNITS ON: (1) COOPERATIVE EDUCATION IN VOCATIONAL EDUCATION - AN OVERVIEW, (2) TYPES OF COURSES IN COOPERATIVE EDUCATION IN AGRICULTURE, INCLUDING REGULAR SCHOOL YEAR AND SUMMER PROGRAMS, (3) TRAINING STATIONS, (4) INSTRUCTIONAL PROGRAM, INCLUDING THE GENERAL COURSE OF STUDY AND INDIVIDUAL TRAINING PLANS, (5) SUMMARY AND FURTHER SUGGESTIONS, AND (6) RESOURCES, INCLUDING BOOKS, OTHER PUBLICATIONS, FILMS, AND FORMS. SAMPLE FORMS AND RECORDS ARE APPENDED. (AW)|

VT 014 750
CONSTRUCTING GREENHOUSES FOR VOCATIONAL AGRICULTURE PROGRAMS IN ARIZONA.

ARIZONA UNIV., TUCSON. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
SERV-BULL-16
PUB DATE - 71 26P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *ORNAMENTAL HORTICULTURE; *GREENHOUSES; *LEARNING LABORATORIES; BUILDING PLANS; FACILITY REQUIREMENTS; BUILDING DESIGN; SITE SELECTION

ABSTRACT - INTENDED FOR TEACHERS, ADVISORY COUNCIL MEMBERS, AND ADMINISTRATORS IN PLANNING AND CONSTRUCTING GREENHOUSE LABORATORIES, THIS PUBLICATION

CONTAINS PLANS AND SPECIFICATIONS FOR THREE DIFFERENT GREENHOUSES. SUGGESTIONS ARE PRESENTED FOR CHOOSING THE SITE, APPROXIMATE COSTS, ADDITIONAL FACILITY REQUIREMENTS, AND INSTALLING COOLING, HEATING, WATERING, AND LIGHTING SYSTEMS. (SB)

VT 014 751
RESOURCE UNIT ON SALESMANSHIP AND SELLING IN AGRICULTURAL SALES AND SERVICE FOR SPECIALIZED CURRICULUM IN AGRICULTURAL SALES AND SERVICE. RESOURCE UNIT 6.

ARIZONA STATE DEPT. OF VOCATIONAL EDUCATION, PHOENIX.;ARIZONA UNIV., TUCSON. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-920-30
PUB DATE - 71 77P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *RESOURCE UNITS; *AGRICULTURAL SUPPLY OCCUPATIONS; OFF FARM AGRICULTURAL OCCUPATIONS; *AGRIBUSINESS; *SALESMANSHIP; SERVICE OCCUPATIONS; INSTRUCTIONAL MATERIALS; TRANSPARENCIES

ABSTRACT - DEVELOPED BY HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS, THIS PUBLICATION IS THE SIXTH IN A SERIES OF RESOURCE UNITS AND IS DESIGNED AS A GUIDE FOR TEACHER USE IN PROVIDING INSTRUCTION CONCERNING SELLING AND SALESMANSHIP IN THE AREA OF AGRICULTURAL SALES AND SERVICES. CONTENTS INCLUDE A BRIEF INTRODUCTION, CONCEPTS TO BE TAUGHT, UNIT OBJECTIVES, REFERENCES, TEACHING AIDS, STUDENT ACTIVITIES, DISCUSSION QUESTIONS AND PROBLEMS, TRANSPARENCY MASTERS, AND STUDENT MATERIALS. RELATED UNITS ARE AVAILABLE AS VT 014 752-VT 014 756 IN THIS ISSUE. (SB)

VT 014 752
RESOURCE UNIT ON MERCHANDISING SKILLS IN AGRICULTURAL SALES AND SERVICE FOR SPECIALIZED CURRICULUM IN AGRICULTURAL SALES AND SERVICE. RESOURCE UNIT 5.

ARIZONA STATE DEPT. OF VOCATIONAL EDUCATION, PHOENIX.;ARIZONA UNIV., TUCSON. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-920-40-70
PUB DATE - 71 54P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *RESOURCE UNITS; *AGRICULTURAL SUPPLY OCCUPATIONS; OFF FARM AGRICULTURAL OCCUPATIONS; *AGRIBUSINESS; *MERCHANDISING; SERVICE OCCUPATIONS; INSTRUCTIONAL MATERIALS; TRANSPARENCIES

ABSTRACT - DEVELOPED BY HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS, THIS PUBLICATION IS THE FIFTH IN A SERIES OF RESOURCE UNITS AND IS DESIGNED AS A GUIDE FOR TEACHER USE IN PROVIDING INSTRUCTION CONCERNING MERCHANDISING SKILLS IN THE AREA OF AGRICULTURAL SALES AND SERVICES. CONTENTS INCLUDE AN INTRODUCTION, CONCEPTS TO BE TAUGHT, UNIT OBJECTIVES, REFERENCES, TEACHING AIDS, STUDENT ACTIVITIES, DISCUSSION QUESTIONS AND PROBLEMS, TRANSPARENCY MASTERS, AND STUDENT MATERIALS. RELATED UNITS ARE AVAILABLE AS VT 014 751-VT 014 756 IN THIS ISSUE. (SB)

VT 014 753
RESOURCE UNIT ON HUMAN RELATIONS IN AGRICULTURAL SALES AND SERVICE FOR SPECIALIZED CURRICULUM IN AGRICULTURAL SALES AND SERVICE. RESOURCE UNIT 4.

ARIZONA STATE DEPT. OF VOCATIONAL EDUCATION, PHOENIX.;ARIZONA UNIV., TUCSON. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-920-60
PUB DATE - 71 63P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *RESOURCE UNITS; *AGRICULTURAL SUPPLY OCCUPATIONS; OFF FARM AGRICULTURAL OCCUPATIONS; *AGRIBUSINESS; *HUMAN RELATIONS; SERVICE OCCUPATIONS; INSTRUCTIONAL MATERIALS

ABSTRACT - DEVELOPED BY HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS, THIS PUBLICATION IS THE FOURTH IN A SERIES OF RESOURCE UNITS AND IS DESIGNED AS A GUIDE FOR TEACHER USE IN PLANNING INSTRUCTION RELATING TO HUMAN RELATIONS IN THE AREA OF AGRICULTURAL SALES AND SERVICES. CONTENTS INCLUDE A BRIEF INTRODUCTION, CONCEPTS TO BE TAUGHT, UNIT OBJECTIVES, REFERENCES, STUDENT ACTIVITIES, DISCUSSION QUESTIONS AND PROBLEMS, AND SEVERAL STUDENT MATERIALS. RELATED UNITS ARE AVAILABLE AS VT 014 751-VT 014 756 IN THIS ISSUE. (SB)

VT 014 754
RESOURCE UNIT ON ORGANIZATION OF AGRICULTURAL BUSINESSES IN AGRICULTURAL SALES AND SERVICE FOR SPECIALIZED CURRICULUM IN AGRICULTURAL SALES AND SERVICE. RESOURCE UNIT 3.

ARIZONA STATE DEPT. OF VOCATIONAL EDUCATION, PHOENIX.;ARIZONA UNIV., TUCSON. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-920-20
PUB DATE - 71 42P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *RESOURCE UNITS; *AGRICULTURAL SUPPLY OCCUPATIONS; OFF FARM AGRICULTURAL OCCUPATIONS; *ORGANIZATION; *AGRIBUSINESS; SERVICE OCCUPATIONS; INSTRUCTIONAL MATERIALS; TRANSPARENCIES

ABSTRACT - DEVELOPED BY HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS, THIS PUBLICATION IS THE THIRD IN A SERIES OF RESOURCE UNITS AND IS DESIGNED AS A GUIDE FOR TEACHER USE IN PLANNING INSTRUCTION CONCERNING THE ORGANIZATION OF AGRICULTURAL BUSINESSES IN THE AREA OF AGRICULTURAL SALES AND SERVICES. CONTENTS INCLUDE A BRIEF INTRODUCTION, CONCEPTS TO BE TAUGHT, UNIT OBJECTIVES, REFERENCES, TEACHING AIDS, STUDENT ACTIVITIES, DISCUSSION QUESTIONS AND PROBLEMS, TRANSPARENCY MASTERS, AND OTHER STUDENT MATERIALS. RELATED UNITS ARE AVAILABLE AS VT 014 751-VT 014 756 IN THIS ISSUE. (SB)

VT 014 755
RESOURCE UNIT ON ORIENTATION TO THE TRAINING PROGRAM IN AGRICULTURAL SALES AND SERVICE FOR SPECIALIZED CURRICULUM IN AGRICULTURAL SALES AND SERVICE. RESOURCE UNIT 2.

ARIZONA STATE DEPT. OF VOCATIONAL EDUCATION, PHOENIX.;ARIZONA UNIV., TUCSON. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-920-04
PUB DATE - 71 56P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *RESOURCE UNITS; *AGRICULTURAL SUPPLY OCCUPATIONS; OFF FARM AGRICULTURAL OCCUPATIONS; AGRICULTURAL SUPPLIES; *SERVICE OCCUPATIONS; INSTRUCTIONAL MATERIALS; TRANSPARENCIES; *AGRIBUSINESS

ABSTRACT - DEVELOPED BY HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS, THIS PUBLICATION IS THE SECOND IN A SERIES OF RESOURCE UNITS AND IS DESIGNED AS A GUIDE FOR TEACHER USE IN PLANNING INSTRUCTION FOR ORIENTATION TO A TRAINING PROGRAM IN AGRICULTURAL SALES AND SERVICES. CONTENTS INCLUDE A BRIEF INTRODUCTION, CONCEPTS TO BE TAUGHT, UNIT OBJECTIVES, REFERENCES, TEACHING AIDS, STUDENT ACTIVITIES, DISCUSSION QUESTIONS AND PROBLEMS, SEVERAL TRANSPARENCY MASTERS, SELF-EVALUATION FORM, AND OTHER STUDENT MATERIALS. RELATED UNITS ARE AVAILABLE AS VT 014 751-VT 014 756 IN THIS ISSUE. (SB)

VT 014 756
RESOURCE UNIT ON CAREER OPPORTUNITIES IN AGRICULTURAL SALES AND SERVICE FOR SPECIALIZED CURRICULUM IN AGRICULTURAL SALES AND SERVICE. RESOURCE UNIT 1.

ARIZONA STATE DEPT. OF VOCATIONAL

EDUCATION, PHOENIX.;ARIZONA UNIV., TUCSON. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-920-00
PUB DATE - 71 20P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; RESOURCE UNITS; *AGRICULTURAL SUPPLY OCCUPATIONS; OFF FARM AGRICULTURAL OCCUPATIONS; AGRICULTURAL SUPPLIES; *SERVICE OCCUPATIONS; INSTRUCTIONAL MATERIALS; TRANSPARENCIES; *AGRIBUSINESS; *CAREER OPPORTUNITIES

ABSTRACT - DEVELOPED BY HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHERS, THIS PUBLICATION IS THE FIRST IN A SERIES OF RESOURCE UNITS AND IS DESIGNED AS A GUIDE FOR TEACHER USE IN PLANNING INSTRUCTION RELATING TO CAREER OPPORTUNITIES IN AGRICULTURAL SALES AND SERVICE. CONTENTS INCLUDE A BRIEF INTRODUCTION, CONCEPTS TO BE TAUGHT, UNIT OBJECTIVE, REFERENCES, TEACHING AIDS, STUDENT ACTIVITIES, DISCUSSION QUESTIONS AND PROBLEMS, SEVERAL TRANSPARENCY MASTERS, SELF-EVALUATION FORM, AND OTHER STUDENT MATERIALS. RELATED UNITS ARE AVAILABLE AS VT 014 751-VT 014 755 IN THIS ISSUE. (SB)

VT 014 757
HAMILTON, WILLIAM H., AND OTHERS
AGRICULTURAL OCCUPATIONS COOPERATIVE EDUCATION PROGRAM.

PURDUE UNIV., LAFAYETTE, IND. DEPT. OF EDUCATION
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL71 68P.

DESCRIPTORS - *PROGRAM GUIDES; *COOPERATIVE EDUCATION; *AGRIBUSINESS; BIBLIOGRAPHIES; *GUIDELINES; SECONDARY GRADES; SALESMANSHIP; HUMAN RELATIONS; COMMUNICATION SKILLS; BUSINESS SUBJECTS; *PROGRAM DESCRIPTIONS; PROGRAM PLANNING

ABSTRACT - COOPERATIVE WORK EXPERIENCE PROGRAMS ENHANCE VOCATIONAL PREPARATION BY BUILDING STUDENT QUALIFICATIONS FOR EMPLOYMENT, HUMAN RELATIONS SKILLS AND SELF CONFIDENCE. THIS GUIDE DESCRIBES A SUGGESTED STATE-WIDE HIGH SCHOOL COOPERATIVE EXPERIENCE PROGRAM FOR AGRIBUSINESS OCCUPATIONS EDUCATION IN INDIANA. THE FIRST SECTION OF THE GUIDE PROVIDES INFORMATION ON PROGRAM CHARACTERISTICS, RESPONSIBILITIES, TRAINING AGREEMENTS, PUBLIC RELATIONS, ADVISORY COUNCIL, STATE POLICY RECOMMENDATIONS, AND SITE SELECTION CRITERIA, AS WELL AS SUGGESTIONS FOR WORKING WITH PARENTS, STUDENTS, AND EMPLOYERS IN THE PROGRAM. AN EXTENSIVE BIBLIOGRAPHY OF BOOKS AND MIMEO PUBLICATIONS, PAMPHLETS AND OTHER MATERIALS IS ALSO INCLUDED. THE SECOND SECTION PROVIDES TEACHING MODULES FOR: (1) BUSINESS PROCEDURES, WITH 11 LESSONS, (2) ORAL AND WRITTEN COMMUNICATION, WITH NINE LESSONS, (3) SALESMANSHIP, WITH SIX LESSONS, (4) HUMAN RELATIONS, WITH 10 LESSONS, (5) INSURANCE AND TAXES, WITH TWO LESSONS, AND (6) AGRI-BUSINESS CAREERS, WITH THREE LESSONS. LESSONS INCLUDE TEACHING SUGGESTIONS, OBJECTIVES, MOTIVATION AND INTRODUCTION, CENTRAL PROBLEM, SUB-QUESTIONS, AND REFERENCES. SUGGESTED TIME TO BE SPENT ON EACH MODULE IS GIVEN. (AW)|

VT 014 761
COLLINS, WILSON GLENN
AGRICULTURAL RESOURCES UNIT (MODULE): COMMUNITY POLLUTION.

KENTUCKY UNIV., LEXINGTON. INSTRUCTIONAL MATERIALS LAB.
MF AVAILABLE IN VT-ERIC SET.
HS-95A
PUB DATE - JUN71 59P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *ENVIRONMENTAL EDUCATION; *POLLUTION; *UNITS OF STUDY (SUBJECT FIELDS); *RESOURCE UNITS; TRANSPARENCIES; BIBLIOGRAPHIES

ABSTRACT - THE COMMUNITY POLLUTION

UNIT IS FOR TEACHER USE IN PROVIDING VOCATIONAL AGRICULTURE STUDENTS WITH EXPERIENCES AND INFORMATION CONCERNING THE CONTROL OF ENVIRONMENTAL POLLUTION. CONTENTS INCLUDE SUGGESTIONS FOR INTRODUCING THE UNIT, SUGGESTED TEACHING-LEARNING ACTIVITIES, COMPETENCIES TO BE DEVELOPED, CONTENT OUTLINE, REFERENCES, AND SEVERAL TRANSPARENCY MASTERS. (SB)

VT 014 772
BURCH, ALAN R., COMP., AND OTHERS
SELECTED REFERENCES AND AIDS FOR TEACHING ANIMAL SCIENCE TO STUDENTS OF VOCATIONAL AGRICULTURE.

PURDUE UNIV., LAFAYETTE, IND.;INDIANA STATE DEPT. OF PUBLIC INSTRUCTION, INDIANAPOLIS.
MF AVAILABLE IN VT-ERIC SET.
AG DEX-400/017
AGRICULTURAL EDUCATION SECTION, SOUTH CAMPUS COURTS-G, PURDUE UNIVERSITY, LAFAYETTE. IND. 47907
PUB DATE - APR71 51P.APRIL 1971 REVISION

DESCRIPTORS - *BIBLIOGRAPHIES; *REFERENCE MATERIALS; *VOCATIONAL AGRICULTURE; *ANIMAL SCIENCE; *INSTRUCTIONAL AIDS; SECONDARY GRADES; AGRICULTURAL EDUCATION

ABSTRACT - A REVISION OF VT 008 490 (AIM SUMMER 1969), THIS BIBLIOGRAPHY OF SELECTED REFERENCES AND INSTRUCTIONAL AIDS IS DESIGNED FOR USE BY VOCATIONAL AGRICULTURE TEACHERS PRESENTING COURSES IN ANIMAL SCIENCE. BULLETINS AND CIRCULARS, TEXTBOOKS, FILMS, FILMSTRIPS, SLIDES, AND COMMERICAL MATERIALS ARE LISTED FOR EACH OF THE AREAS OF GENERAL ANIMAL SCIENCE, BEEF, DAIRY, POULTRY, SHEEP, AND SWINE. THE COST IS GIVEN FOR EACH REFERENCE. MATERIALS RECOMMENDED AS ESPECIALLY SUITABLE FOR CLASSROOM USE WITH STUDENTS ARE DESIGNATED WITH A SINGLE ASTERISK, WHILE THOSE RECOMMENDED PRIMARILY FOR TEACHER REFERENCE ARE MARKED WITH TWO ASTERISKS. ADDRESSES ARE LISTED FOR 15 EDUCATIONAL INSTITUTIONS, 57 COMMERCIAL SOURCES, AND 12 TEXTBOOK PUBLISHERS FROM WHICH MATERIALS MAY BE OBTAINED. (AW)|

VT 014 773
MILLER, LARRY E.
ADVANCED LIVESTOCK PRODUCTION: A COURSE OF STUDY.

PURDUE UNIV., LAFAYETTE, IND.;INDIANA STATE DEPT. OF PUBLIC INSTRUCTION, INDIANAPOLIS.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 221P.

DESCRIPTORS - *CURRICULUM GUIDES; TEACHING GUIDES; *VOCATIONAL AGRICULTURE; *AGRICULTURAL PRODUCTION; *ANIMAL SCIENCE; *LIVESTOCK; SECONDARY GRADES; AGRICULTURAL EDUCATION

ABSTRACT - DESIGNED TO PROVIDE GUIDELINES FOR INTENSIFIED STUDY ON THE HIGH SCHOOL LEVEL IN THE AREA OF LIVESTOCK PRODUCTION, THIS COURSE OF STUDY IS DIVIDED INTO THREE UNITS COVERING LIVESTOCK SELECTION, LIVESTOCK BREEDING, AND LIVESTOCK NUTRITION. EACH UNIT IS FURTHER DIVIDED INTO SEPARATE JOBS PROVIDING OBJECTIVES, MOTIVATION, REFERENCES, TEACHING OUTLINE, AND TEACHING PROCEDURES. NUMEROUS DIAGRAMS AND LINE DRAWINGS ILLUSTRATE THE UNITS, WITH PAGES RECOMMENDED AS HANDOUTS DESIGNATED WITH THE LETTER "H" AND THOSE RECOMMENDED AS TRANSPARENCIES DESIGNATED "T". RECOMMENDED TIME ALLOTMENT FOR EACH JOB, CONTENT DISCUSSION, SUMMARY, AND A BIBLIOGRAPHY ARE INCLUDED. (AW)|

VT 014 850
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV; DRAFTING AND DESIGN, A TWO YEAR COURSE.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 251P.

DESCRIPTORS - *DRAFTING;

*INDUSTRIAL ARTS; *CURRICULUM GUIDES; INSTRUCTIONAL MATERIALS; SECONDARY GRADES; *SHOP CURRICULUM; RURAL SCHOOLS; SMALL SCHOOLS; COURSE DESCRIPTIONS; *VOCATIONAL EDUCATION; DEVELOPMENTAL PROGRAMS; TEACHING GUIDES; AGRICULTURAL ENGINEERING; TRADE AND INDUSTRIAL EDUCATION
IDENTIFIERS - UTAH

ABSTRACT - DEVELOPED THROUGH THE COORDINATED EFFORTS OF SPECIALISTS IN INDUSTRIAL ARTS, VOCATIONAL AGRICULTURE, TRADE AND INDUSTRIAL EDUCATION, AND VOCATIONAL EDUCATION, THIS COURSE IS PART OF AN INTEGRATED SHOP PROGRAM DESIGNED TO IMPROVE THE VOCATIONAL FUTURE FOR STUDENTS IN SMALL RURAL HIGH SCHOOLS. INTENDED TO FOLLOW FOUR BEGINNING COURSES IN THE PROGRAM, THIS ADVANCED DRAFTING AND DESIGN COURSE COVERS TECHNICAL DRAWING, ARCHITECTURAL DRAFTING, AND A THIRD AREA CONSISTING OF A NUMBER OF HIGHLY SPECIALIZED AREAS. THE COURSE IS PLANNED FOR 10 HOURS PER WEEK FOR 2 SCHOOL YEARS. EACH OF THE INSTRUCTIONAL PACKETS WHICH ARE ENCLOSED CONSISTS OF: (1) TITLE, (2) DIRECTIONS TO THE STUDENT, (3) INTRODUCTION TO THE PARTICULAR UNIT OF WORK INVOLVED, (3) CONCEPT, (4) LIST OF PERFORMANCE OBJECTIVES, (5) ACTIVITIES NEEDED TO ACHIEVE THE OBJECTIVES, (6) LIST OF REFERENCE MATERIALS, AND (7) A TEST ON THE UNIT. A RELATED DOCUMENT, VT 014 851, IS AVAILABLE IN THIS ISSUE AND A PREVIOUSLY PROCESSED DOCUMENT APPEARED IN RIE FOR FEBRUARY 1971 AS ED 043 410. (BH)|

VT 014 851
AN EXEMPLARY PROGRAM FOR OCCUPATIONAL PREPARATION IN SELECTED AGRICULTURAL AND INDUSTRIAL ACTIVITIES FOR SMALL HIGH SCHOOLS IN UTAH. INTEGRATED SHOP PROGRAM III AND IV, BUILDING CONSTRUCTION.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 95P.
DESCRIPTORS - TEACHING GUIDES; *CURRICULUM GUIDES; INSTRUCTIONAL MATERIALS; *BUILDING TRADES; TRADE AND INDUSTRIAL EDUCATION; VOCATIONAL EDUCATION; AGRICULTURAL ENGINEERING; *WOODWORKING; CARPENTERS; *CONSTRUCTION (PROCESS); CONSTRUCTION INDUSTRY; *SHOP CURRICULUM; DEVELOPMENTAL PROGRAMS; RURAL SCHOOLS; SMALL SCHOOLS; SECONDARY GRADES; COURSE DESCRIPTIONS
IDENTIFIERS - UTAH

ABSTRACT - A COORDINATED EFFORT OF SPECIALISTS, COORDINATORS, ADMINISTRATORS AND PROFESSORS OF VARIOUS PHASES OF VOCATIONAL AND TECHNICAL EDUCATION, THIS COURSE IN BUILDING CONSTRUCTION IS ONE OF THE ADVANCED COURSES IN AN EXEMPLARY INTEGRATED SHOP PROGRAM DEVELOPED FOR USE IN UTAH'S SMALL RURAL HIGH SCHOOLS. THE 2-YEAR COURSE INCLUDES 23 UNITS OF INSTRUCTION, WITH THE MAJOR EMPHASIS ON CARPENTRY BUT ALSO PROVIDING INSTRUCTION IN MASONRY, ELECTRICAL WIRING, PLUMBING, AND HEATING AND COOLING. MOST OF THE UNITS CONSIST OF INSTRUCTIONAL PACKETS, EACH OF WHICH INCLUDE A TITLE, DIRECTIONS TO THE STUDENT, INTRODUCTION TO THE PARTICULAR UNIT OF WORK WITH WHICH THE PACKET DEALS, A CONCEPT, LIST OF PERFORMANCE OBJECTIVES, LIST OF REFERENCE MATERIALS, AND A UNIT TEST. SOME UNITS ALSO PROVIDE INFORMATION SHEETS, ASSIGNMENT SHEETS, OR EXPERIMENT SHEETS. THE INSTRUCTIONAL PACKETS ARE DESIGNED PRIMARILY FOR USE BY INDIVIDUAL STUDENTS, BUT MAY BE USED WITH THE CLASS AS A WHOLE AT THE TEACHER'S DISCRETION. THE GUIDE ALSO PROVIDES A COURSE OUTLINE, SUGGESTED TIME SCHEDULE AND SEQUENCE OF UNITS, ORIENTATION TO BUILDING TRADES, REFERENCE MATERIAL, KEYS TO UNIT TESTS, AND AN ACHIEVEMENT TEST AND KEY.RELATED DOCUMENTS ARE VT 014 850, AVAILABLE IN THIS ISSUE, AND ED 043 410 (FEBRUARY, 1971 RIE). (AW)|

VT 014 882
CURRICULUM GUIDE FOR AGRICULTURAL SCIENCE I.

FLORIDA UNIV., GAINESVILLE. DEPT. OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION.;FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 99P.

DESCRIPTORS - *CURRICULUM GUIDES; *VOCATIONAL AGRICULTURE; ANIMAL SCIENCE; SOIL SCIENCE; *AGRICULTURAL ENGINEERING; *TEACHING GUIDES; *AGRICULTURAL PRODUCTION; SECONDARY GRADES

ABSTRACT - DEVELOPED ORIGINALLY IN A SUMMER WORKSHOP MADE UP OF FLORIDA VOCATIONAL AGRICULTURE TEACHERS AND REVISED TO INCLUDE ADDITIONAL, UPDATED MATERIAL, THIS GUIDE IS INTENDED TO AID TEACHERS IN PLANNING FIRST-YEAR VOCATIONAL AGRICULTURE PROGRAMS THAT ARE EFFECTIVE LOCALLY AS WELL AS CONSISTENT WITH PROGRAMS THROUGHOUT THE STATE. BRIEF INTRODUCTORY MATERIAL ON THE PHILOSOPHY AND OBJECTIVES OF THE PROGRAM, SELECTION OF STUDENTS, INFORMATION ON SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAMS, COURSE OBJECTIVES, AND A SUGGESTED TEACHING CALENDAR IS FOLLOWED BY SEVEN INSTRUCTIONAL UNITS, EACH PROVIDING CONTENT OUTLINE, TEACHING-LEARNING ACTIVITIES, AND REFERENCES. UNITS INCLUDE: (1) ORIENTATION TO AGRICULTURE, (2) AGRICULTURAL MANAGEMENT, (3) ANIMAL SCIENCE, (4) PLANT SCIENCE, (5) SOIL SCIENCE, (6) AGRICULTURAL MECHANICS, AND (7) LEADERSHIP. (AW)|

VT 014 883
CURRICULUM GUIDE FOR AGRICULTURAL SCIENCE II.

FLORIDA UNIV., GAINESVILLE. DEPT. OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION.;FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. DIV. OF VOCATIONAL, TECHNICAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 92P.

DESCRIPTORS - *CURRICULUM GUIDES; *TEACHING GUIDES; ANIMAL SCIENCE; SOIL SCIENCE; *AGRICULTURAL PRODUCTION; *AGRICULTURAL ENGINEERING; SECONDARY GRADES; *VOCATIONAL AGRICULTURE

ABSTRACT - DEVELOPED ORIGINALLY IN A SUMMER WORKSHOP MADE UP OF FLORIDA VOCATIONAL AGRICULTURE TEACHERS AND REVISED TO INCLUDE ADDITIONAL, UPDATED MATERIAL, THIS GUIDE IS INTENDED TO AID TEACHERS IN PLANNING SECOND-YEAR VOCATIONAL AGRICULTURE PROGRAMS THAT ARE EFFECTIVE LOCALLY AS WELL AS CONSISTENT WITH PROGRAMS THROUGHOUT THE STATE. BRIEF INTRODUCTORY MATERIAL ON THE PHILOSOPHY AND OBJECTIVES OF THE PROGRAM, SELECTION OF STUDENTS, INFORMATION ON SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAMS, COURSE OBJECTIVES, AND A SUGGESTED TEACHING CALENDAR IS FOLLOWED BY SIX INSTRUCTIONAL UNITS, EACH PROVIDING CONTENT OUTLINE, TEACHING-LEARNING ACTIVITIES, AND REFERENCES. UNITS ARE: (1) AGRICULTURAL MANAGEMENT, WHICH INCLUDES LEARNING MANAGEMENT PRINCIPLES, MAKING PRODUCTION DECISIONS, USING BUSINESS RECORDS, FINANCING AN AGRICULTURAL PROGRAM, AND USING BUSINESS METHODS AND PROCEDURES IN AGRICULTURAL OCCUPATIONS, (2) ANIMAL SCIENCE, WHICH COVERS SUCH ASPECTS AS EQUIPMENT, FACILITIES, AND ENVIRONMENTAL CONDITIONS NEEDED FOR LIVESTOCK PRODUCTION, ANIMAL NUTRITION, LIVESTOCK DISEASES, AND ANIMAL REPRODUCTION, (3) PLANT SCIENCE, INCLUDING PLANT PESTS AND PLANT PRODUCTS, (4) SOIL SCIENCE, INCLUDING SOIL CLASSIFICATION AND EVALUATION, LAND PRODUCTIVITY, AND LAND DEVELOPMENT, AND (5) AGRICULTURAL MECHANICS, WHICH DEALS WITH USE AND CARE OF AGRICULTURAL EQUIPMENT, VARIOUS TYPES OF WELDING, AND FARM STRUCTURE CONSTRUCTION AND MAINTENANCE, AND (6) LEADERSHIP. (AW)|

VT 014 889
CONSERVATION CAREERS.

SOIL CONSERVATION SOCIETY OF AMERICA, ANKENY, IOWA.
MF AVAILABLE IN VT-ERIC SET.
SOIL CONSERVATION SOCIETY OF AMERICA, 7515 N.E. ANKENY ROAD, ANKENY, IOWA 50021 ($1.50 POSTPAID)
PUB DATE - SEP70 29P.

DESCRIPTORS - *OCCUPATIONAL INFORMATION; *CAREER PLANNING; *CAREER CHOICE; *OCCUPATIONAL GUIDANCE; VOCATIONAL COUNSELING; *CONSERVATION EDUCATION; NATURAL RESOURCES; SOIL CONSERVATION; BIOLOGICAL SCIENCES; PHYSICAL SCIENCES
IDENTIFIERS - CAREER ORIENTATION

ABSTRACT - COMPOSED OF ARTICLES ORIGINALLY PUBLISHED IN THE "JOURNAL OF SOIL AND WATER CONSERVATION," THIS COMPILATION HAS BEEN PREPARED FOR STUDENTS CONTEMPLATING CAREERS IN CONSERVATION, PRACTICING CONSERVATIONISTS, GUIDANCE COUNSELORS, AND OTHERS WHO RECEIVE INQUIRIES ABOUT CAREERS IN CONSERVATION. CONTENTS INCLUDE: (1) "KEEPING EDUCATED" BY K.E. GRANT, (2) "REASSESSING EDUCATION IN NATURAL RESOURCES" BY L.E. PARTAIN, (3) "THE CONSERVATIONIST IN HIS COMMUNITY" BY J.R. JOHNSTON, (4) "RECRUITING TOMORROWS CONSERVATION MANPOWER TODAY" BY B. VETTER, (5) "TRAINING IN SOIL AND WATER CONSERVATION FOR FOREIGN NATIONALS" BY J.B. ROGERS AND B.A. MURRAY, (6) "EDUCATING THE PUBLIC IN NATURAL RESOURCES" BY C. SCHOENFIELD, AND (7) SEVERAL ARTICLES DEALING WITH SOIL AND WATER CONSERVATIONISTS, SOIL SCIENTISTS, RESOURCE MANAGERS, RESOURCE ECONOMISTS, RESOURCE ADMINISTRATORS, PLANT SCIENTISTS, AND FISH AND WILDLIFE BIOLOGISTS. (SB)

VT 014 917
PROGRAM GUIDELINES FOR PRE-VOCATIONAL EDUCATION IN AGRICULTURAL OCCUPATIONS: PART I (INTRODUCTION AND 6TH GRADE GUIDE), PART II (7TH GRADE GUIDE), AND PART III (8TH GRADE GUIDE). WORKING DRAFT.

FLORIDA UNIV., GAINESVILLE. DEPT. OF VOCATIONAL, TECHNICAL, AND ADULT EDUCATION.;FLORIDA STATE DEPT. OF EDUCATION, TALLAHASSEE. AGRICULTURAL EDUCATION SECTION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 71 74P.

DESCRIPTORS - *CURRICULUM GUIDES; *PREVOCATIONAL EDUCATION; *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *MIDDLE SCHOOLS; INTERMEDIATE GRADES; OCCUPATIONAL INFORMATION; RESOURCE MATERIALS; VOCATIONAL DEVELOPMENT; UNITS OF STUDY (SUBJECT FIELDS); *AGRICULTURAL OCCUPATIONS

ABSTRACT - PREPARED BY VOCATIONAL AGRICULTURE TEACHERS, THIS PUBLICATION CONTAINS GUIDELINES FOR TEACHER USE IN IMPLEMENTING A 3-YEAR PREVOCATIONAL AGRICULTURE EDUCATION PROGRAM TO INTRODUCE THE STUDENT TO THE WORLD OF WORK IN AGRICULTURE. THE MATERIAL INCLUDES CONTENT OUTLINES, REFERENCES, AND TEACHING RESOURCES FOR A 6-WEEK SIXTH GRADE PROGRAM, A 9-WEEK SEVENTH GRADE PROGRAM, AND A 1-SEMESTER EIGHTH GRADE PROGRAM. (SB)

VT 014 930
LOCAL SUPERVISION OF AGRICULTURAL EDUCATION PROGRAMS IN OHIO.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 17P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *SUPERVISOR GUIDES; *PROGRAM ADMINISTRATION; *ADMINISTRATOR ROLE; *ADMINISTRATOR RESPONSIBILITY; AREA VOCATIONAL SCHOOLS

ABSTRACT - THE PRIMARY FUNCTION OF THE LOCAL SUPERVISOR OF AGRICULTURAL EDUCATION IS TO IMPROVE INSTRUCTION FOR HIGH SCHOOL AND ADULT STUDENTS ENROLLED IN APPROVED LOCAL OR AREA VOCATIONAL EDUCATION PROGRAMS IN AGRICULTURE.

IN ORDER TO MEET THIS AND OTHER OBJECTIVES, THE SUPERVISOR MUST PERFORM SEVERAL DUTIES AND RESPONSIBILITIES WHICH FALL UNDER THESE CATEGORIES: (1) PROGRAM ADMINISTRATION, (2) CLASSROOM MANAGEMENT AND PROCEDURES, (3) RECRUITMENT, SELECTION, ORIENTATION, AND IMPROVEMENT OF INSTRUCTIONAL STAFF, (4) INSTRUCTIONAL MATERIALS AND EQUIPMENT, (5) COOPERATION WITH OTHER ADMINISTRATIVE PERSONNEL AND TEACHERS, (6) RESEARCH ACTIVITIES, (7) BUDGET PREPARATION, (8) PUBLIC RELATIONS, (9) GUIDANCE SERVICES, (10) PROGRAM EVALUATION, (11) STUDENT EVALUATION, AND (12) STUDENT TEACHER EDUCATION. SOME GUIDELINES FOR COOPERATION BETWEEN STATE EDUCATION STAFF AND LOCAL ADMINISTRATORS AND FOR COORDINATION OF LOCAL AGRICULTURAL EDUCATION PROGRAMS WITH THOSE IN THE AREA VOCATIONAL CENTER ARE INCLUDED. (SB)

VT 015 028
POULTRY GRADING MANUAL.

DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C. CONSUMER AND MARKETING SERVICE.
MF AVAILABLE IN VT-ERIC SET.
AGRI-HANDBK-31
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (STOCK NUMBER 0100-1428,A1.76:31/971, $.45)
PUB DATE - MAY71 40P.MAY 1971 REVISION

DESCRIPTORS - STUDY GUIDES; MANUALS; *OFF FARM AGRICULTURAL OCCUPATIONS; *FOOD PROCESSING OCCUPATIONS; *AGRICULTURAL SUPPLY OCCUPATIONS; ANIMAL SCIENCE; *FOOD STANDARDS; *FOOD AND DRUG INSPECTORS
IDENTIFIERS - *POULTRY GRADING

ABSTRACT - PREPARED AS A GUIDE FOR THE UNIFORM APPLICATION OF THE UNITED STATES CLASSES, STANDARDS, AND GRADES OF POULTRY, THIS MANUAL IS DESIGNED TO AID BOTH EXPERIENCED AND NEW POULTRY GRADERS, AS WELL AS TO ASSIST IN TEACHING POULTRY MARKETING. THE MAJOR OBJECTIVE OF THE MANUAL IS TO PROVIDE STUDENT GRADERS WITH SOME KNOWLEDGE OF THE STRUCTURE OF THE BIRD AND THE DIFFERENT CLASSES OF POULTRY AND THE TERMINOLOGY USED TO DESIGNATE THESE CLASSES. CONTENTS COVER: (1) CLASSES OF POULTRY, (2) GRADING OF LIVE POULTRY, (3) GRADING OF DRESSED AND READY-TO-COOK POULTRY AND POULTRY FOOD PRODUCTS, (4) OFFICIAL GRADING AND INSPECTION PROGRAMS, AND (5) PLANNING THE GRADING SCHOOL. THE MANUAL IS ILLUSTRATED WITH NUMEROUS PHOTOGRAPHS AND DRAWINGS, INCLUDING AN ILLUSTRATION OF THE SKELETAL SYSTEM INDICATING THE POINTS WHERE POULTRY IS CUT INTO PARTS IN ACCORDANCE WITH U.S.D.A. REGULATIONS. (AW)

VT 015 064
HERBST, J.H.
PLANNING THE CROPPING SYSTEM.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VAS-2003B
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, URBANA, ILLINOIS 61801 ($.20)
PUB DATE - 72 17P.

DESCRIPTORS - *AGRICULTURAL PRODUCTION; *FIELD CROPS; *PLANTING; SOIL CONSERVATION; SOIL SCIENCE; AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *STUDY GUIDES; SECONDARY EDUCATION; POST SECONDARY EDUCATION

ABSTRACT - PREPARED BY A SUBJECT-MATTER SPECIALIST, THIS STUDY GUIDE IS INTENDED FOR USE BY STUDENTS IN PRODUCTION AGRICULTURE PROGRAMS AT THE SECONDARY OR POST-SECONDARY LEVEL. ARRANGED IN QUESTION-ANSWER FORMAT, CONTENTS INCLUDE: (1) FACTORS TO BE CONSIDERED IN SELECTING A CROPPING SYSTEM, (2) ALTERNATIVE CROPPING SYSTEMS AND EROSION CONTROL PRACTICES, (3) SELECTION OF CROP SEQUENCES TO PREVENT EXCESSIVE SOIL USE, AND (4) FITTING THE CROPPING SYSTEM TO THE

FIELD LAYOUT. (BH)

VT 015 065
HERBST, J.H.
SIMPLIFYING WORK IN AN AGRICULTURAL BUSINESS.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VAS-6006
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS 61801 ($.35)
PUB DATE - 72 28P.

DESCRIPTORS - *SUPPLEMENTARY TEXTBOOKS; STUDY GUIDES; RESOURCE MATERIALS; *PRODUCTION AGRICULTURE; *AGRICULTURAL EDUCATION; *AGRIBUSINESS; SECONDARY GRADES; ADULT VOCATIONAL EDUCATION
IDENTIFIERS - *WORK SIMPLIFICATION PROCEDURE

ABSTRACT - PREPARED BY A PROFESSOR OF AGRICULTURAL EDUCATION, THIS STUDENT TEXT AND REFERENCE IS FOR USE IN HIGH SCHOOL OR ADULT PRODUCTION AGRICULTURE CLASSES STUDYING AGRICULTURAL BUSINESS. THE 2-TO 8-HOUR UNIT COVERS: (1) DEFINITION OF THE WORK SIMPLIFICATION PROCEDURE, (2) CHARTS THAT CAN BE USED FOR STUDYING VARIOUS JOBS, (3) ILLUSTRATIONS OF WORK SIMPLIFICATION IN A STORE OR OTHER BUSINESS, AND (4) TIMES WHEN IT PAYS TO INVEST IN LABOR-SAVING EQUIPMENT. THE TEXT IS ILLUSTRATED WITH NUMEROUS CHARTS, SKETCHES, AND DIAGRAMS. (AW)

VT 015 066
TROTTER, E.E.;HERBST, J.H.
AGRICULTURAL BUSINESS PROCEDURES.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VAS-6004
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS 61801 ($.40)
PUB DATE - 72 31P.

DESCRIPTORS - STUDY GUIDES; *SUPPLEMENTARY TEXTBOOKS; RESOURCE MATERIALS; *VOCATIONAL AGRICULTURE; *AGRICULTURAL PRODUCTION; *AGRICULTURAL EDUCATION; UNITS OF STUDY (SUBJECT FIELDS); *AGRIBUSINESS; SECONDARY GRADES; ADULT VOCATIONAL EDUCATION; MERCHANDISING; MARKETING

ABSTRACT - PREPARED BY A PROFESSOR AND A GRADUATE ASSISTANT IN AGRICULTURAL EDUCATION, THIS STUDENT TEXT AND REFERENCE IS FOR USE IN HIGH SCHOOL OR POST-HIGH SCHOOL PRODUCTION AGRICULTURE CLASSES STUDYING AGRICULTURAL BUSINESS PROCEDURES. CONTENTS PROVIDE INFORMATION ON: (1) ORDERING AND RECEIVING MERCHANDISE, (2) DETERMINING SELLING PRICES, (3) USING CREDIT IN AGRICULTURAL BUSINESS, (4) MAKING SALES TICKETS, (5) TAKING INVENTORY, (6) DEVELOPING FINANCIAL STATEMENTS, AND (7) OPERATING ON A CONTRACT BASIS. RECOMMENDED TIME FOR COVERING THE MATERIAL IS 2-8 CLOCK HOURS. SEVERAL SAMPLE FORMS AND RECORDS ARE INCLUDED. (AW)

VT 015 105
SMALL FARMS SOCIAL STUDIES INSTRUCTIONAL GUIDE, GRADE A2. PART I: TRUCK FARMS.

LOS ANGELES CITY SCHOOLS, CALIF. DIV. OF INSTRUCTIONAL PLANNING AND SERVICES.
MF AVAILABLE IN VT-ERIC SET.
PUB-EC-206; CVTE-N-65
PUB DATE - 59 169P.PAES COLLECTION

DESCRIPTORS - CURRICULUM GUIDES; *TEACHING GUIDES; *LESSON PLANS; CAREER EDUCATION; GRADE 2; SOCIAL STUDIES; *SOCIAL STUDIES UNITS; INSTRUCTIONAL MATERIALS; *AGRICULTURAL SUPPLIES; AGRICULTURAL EDUCATION; FARMERS; *COMMUNITY COOPERATION; LEARNING ACTIVITIES
IDENTIFIERS - *TRUCK FARMS; SELF AWARENESS; ATTITUDES APPRECIATIONS; CAREER AWARENESS; ECONOMIC AWARENESS

ABSTRACT - FOR USE BY SECOND GRADE TEACHERS IN PRESENTING A SOCIAL STUDIES UNIT EMPHASIZING THE INTERDEPENDENCE OF PEOPLE WITH THEIR COMMUNITY, THIS GUIDE PROVIDES INFORMATION ON TRUCK FARMS IN GENERAL, AND SPECIFIC INFORMATION ON LETTUCE AND STRAWBERRY FARMS. THIS STUDY OF SMALL FARMS IS DESIGNED TO HELP THE STUDENT REALIZE THE NECESSITY FOR MANY PEOPLE AND MANY DIFFERENT KINDS OF FARMS IN ORDER TO PROVIDE A COMMUNITY WITH ITS DAILY FOOD SUPPLY, AND TO HELP HIM RECOGNIZE THE INTERRELATIONSHIPS BETWEEN THE DIFFERENT KINDS OF FARMS, OTHER AGENCIES PROVIDING COMMUNITY SERVICES, AND HIS OWN HOME. FOLLOWING GENERAL INFORMATION ON THE SOCIAL STUDIES PROGRAM AND A DIAGRAM OF FARM-COMMUNITY RELATIONSHIPS, THE UNIT PROVIDES DETAILED OUTLINES FOR THE STUDY OF EACH TYPE OF FARM COVERED, INCLUDING TEACHER INFORMATION, SUGGESTED LEARNING EXPERIENCES, AUDIOVISUAL MATERIALS, AND REFERENCES FOR STUDENTS AND TEACHERS. A BIBLIOGRAPHY AND A GLOSSARY OF TERMS ARE ALSO PROVIDED. (AW)

VT 015 106
HOW WE SECURE OUR FOOD--POULTRY FARMS. TEACHER RESOURCE MATERIAL AND EXPERIMENTAL MATERIALS.

LOS ANGELES CITY SCHOOLS, CALIF. DIV. OF INSTRUCTIONAL PLANNING AND SERVICES.
MF AVAILABLE IN VT-ERIC SET.
CVTE-N-66
PUB DATE - 61 116P.PAES COLLECTION

DESCRIPTORS - GRADE 2; *CAREER EDUCATION; ELEMENTARY EDUCATION; *RESOURCE MATERIALS; AGRICULTURAL EDUCATION; FARM OCCUPATIONS; GLOSSARIES; *SOCIAL STUDIES UNITS; COCURRICULAR ACTIVITIES; CLASS ACTIVITIES; COMMUNITY STUDY; CHARTS; DIAGRAMS; BOOKLISTS; FARM PRODUCTION; FOOD; *ANIMAL SCIENCE; EXPERIMENTAL CURRICULUM; LEARNING EXPERIENCE; REFERENCE MATERIALS; COURSE CONTENT; *UNITS OF STUDY (SUBJECT FIELDS); TEACHING PROCEDURES; INSTRUCTIONAL MATERIALS; TEACHING GUIDES; RESOURCE GUIDES
IDENTIFIERS - EDUCATIONAL AWARENESS

ABSTRACT - TEACHER RESOURCE INFORMATION ON POULTRY FARMING IN SOUTHERN CALIFORNIA PROVIDES DETAILS ON PRODUCTION, PROCESSING, DISTRIBUTION AND CONSUMPTION OF EGGS. DEVELOPED BY A CURRICULUM SPECIALIST WITH THE HELP OF A COMMITTEE OF TEACHERS, PRINCIPALS, AND SUPERVISORS IN ELEMENTARY EDUCATION, THIS DOCUMENT WOULD BE USED TO ANSWER QUESTIONS WHICH ARISE AS PART OF THE LARGER THEME "HOW THE COMMUNITY SECURES ITS FOOD" IN A SECOND GRADE SOCIAL STUDIES PROGRAM. AN ACCOMPANYING 84-PAGE EXPERIMENTAL GUIDE PROVIDES SUGGESTED LEARNING EXPERIENCES, AN OVERVIEW OF THE SECOND GRADE SOCIAL STUDIES PROGRAM, GENERAL AND SPECIFIC PUPIL OBJECTIVES, LINE DIAGRAMS AND CHARTS, A POULTRY INFORMATION LIST, BOOK LIST FOR TEACHER USE, AND A GLOSSARY. ADAPTABILITY OF THE GUIDANCE MATERIALS TO THE DIFFERING NEEDS OF EACH CLASS AND THE NECESSITY FOR CURRENT AGRICULTURAL INFORMATION FOR CLASSROOM AND COCURRICULAR ACTIVITIES ARE STRESSED IN THE INTRODUCTORY DIRECTIONS TO THE TEACHER. BOTH THE RESOURCE UNIT AND THE ACCOMPANYING EXPERIMENTAL GUIDE ARE PLANNED FOR USE IN CONJUNCTION WITH THE GUIDE "SMALL FARMS, PART I." (AG)

VT 015 221
RAPER, SUSIE, AND OTHERS
OUTDOOR CAREERS--CAREERS IN AGRICULTURE. A RESOURCE UNIT FOR GRADES ONE AND TWO.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. DIV. OF VOCATIONAL AND LEADERSHIP EDUCATION
MF AVAILABLE IN VT-ERIC SET.
CVTE-B-53
PUB DATE - 20AUG71 11P.PAES COLLECTION; DEVELOPED AT ORIENTATION WORKSHOP (ATHENS, GEORGIA, AUGUST 16-20, 1971).

DESCRIPTORS - GRADE 1; GRADE 2; *CAREER EDUCATION; *FARM OCCUPATION; *AGRICULTURE; *RESOURCE UNITS; STUDENT PROJECTS; LEARNING EXPERIENCE; *INSTRUCTIONAL AIDS; INSTRUCTIONAL MATERIALS; BEHAVIORAL OBJECTIVES; BIBLIOGRAPHIES; FUNDAMENTAL CONCEPTS; EDUCATIONAL EQUIPMENT; SELF EVALUATION; STUDENT EVALUATION; AUDIOVISUAL AIDS
IDENTIFIERS - EDUCATIONAL AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - DEVELOPED AT A STATE CAREER ORIENTATION WORKSHOP BY A COMMITTEE WHOSE 10 MEMBERS REPRESENT SEVEN DIFFERENT COUNTIES, THIS RESOURCE UNIT ON AGRICULTURAL CAREERS PROVIDES PUPILS IN GRADES 1 AND 2 WITH EXPERIENCES RELATED IN A POSITIVE WAY TO AGRICULTURAL WORK ROLES. AN INTRODUCTORY LIST OF 10 BEHAVIORAL OBJECTIVES CONCERNING AGRICULTURE AS AN OCCUPATION, VARIOUS LEARNING PROJECTS AND "REAL-LIFE" EXPERIENCES, RELATED CONCEPTS FROM MANY FIELDS, AND IDEAS FOR INSTRUCTIONAL AIDS FORM FOUR MAJOR SUBDIVISIONS OF THE RESOURCE UNIT, PRESENTED IN OUTLINE FORM. A 3-PARAGRAPH OVERVIEW STATING THE PROGRAM RATIONALE, A LIST OF EQUIPMENT AND MATERIALS, TEACHER AND PUPIL EVALUATIVE METHODS, AND A 5-PAGE BIBLIOGRAPHY INCLUDING BOOKS FOR THE TEACHER AND FOR THE PUPILS AS WELL AS FILMS, FILMSTRIPS, AND SONGS, COMPLETE THE GROUP OF RESOURCE TOPICS INVOLVING OUTDOOR CAREERS. (AG)

VT 015 222
DOUHNE, REINA, AND OTHERS
OUTDOOR CAREERS (PLANT LIFE). A RESOURCE UNIT FOR GRADES THREE AND FOUR.

GEORGIA STATE DEPT. OF EDUCATION, ATLANTA. DIV. OF VOCATIONAL AND LEADERSHIP EDUCATION
MF AVAILABLE IN VT-ERIC SET.
CVTE-B-54
PUB DATE - 20AUG71   10P.PAES COLLECTION; DEVELOPED AT CAREER ORIENTATION WORKSHOP (ATHENS, GEORGIA, AUGUST 16-20, 1971).

DESCRIPTORS - GRADE 3; GRADE 4; *RESOURCE UNITS; *CAREER EDUCATION; BEHAVIORAL OBJECTIVES; *LEARNING ACTIVITIES; BIBLIOGRAPHIES; COMMUNITY RESOURCES; FIELD TRIPS; INSTRUCTIONAL MATERIALS; EVALUATION TECHNIQUES; AGRICULTURAL OCCUPATIONS; *PLANT SCIENCE; TEACHING PROCEDURES; VOCABULARY; SERVICES
IDENTIFIERS - EDUCATIONAL AWARENESS; CAREER AWARENESS

ABSTRACT - THIS RESOURCE UNIT ON CAREERS IN PLANT LIFE EDUCATION FOR GRADES 3 AND 4 OUTLINES GENERAL AND SPECIFIC BEHAVIORAL OBJECTIVES, TEACHING SUGGESTIONS, LEARNING ACTIVITIES, AND CURRICULUM TIE-INS. LISTS OF OCCUPATIONS, COMMUNITY RESOURCES, MATERIALS, AND VOCABULARY ARE PROVIDED. A BRIEF BIBLIOGRAPHY AND SUGGESTIONS FOR EVALUATION COMPLETE THE GUIDE WHICH WAS DEVELOPED BY EIGHT COUNTY EDUCATORS AT A 1971 CAREER ORIENTATION WORKSHOP IN GEORGIA. (AG)

VT 015 265
HERBST, J.H.
CHOOSING SPECIFIC CROPS TO GROW AND ESTIMATING PRODUCTION.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VAS-2006B
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, URBANA, ILLINOIS 61801 ($.20)
PUB DATE -   72   17P.

DESCRIPTORS - ADULT EDUCATION; *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *STUDY GUIDES; *AGRICULTURAL PRODUCTION; *FIELD CROPS; *FARM MANAGEMENT; INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; SECONDARY EDUCATION; POST SECONDARY EDUCATION

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS AND OTHER EDUCATORS, THIS STUDY GUIDE WAS PREPARED FOR USE IN BOTH SECONDARY AND POST-SECONDARY PRODUCTION AGRICULTURE PROGRAMS. WITH AN

ESTIMATED TIME ALLOTMENT OF 1-4 CLOCK HOURS, THE GUIDE PROVIDES INFORMATION PERTAINING TO THE FOLLOWING QUESTIONS: (1) HOW CAN CROPS BE CLASSIFIED? (2) HOW CAN I DETERMINE WHICH CROPS TO GROW? (3) WHAT CROP SEQUENCES CAN I USE? (4) HOW CAN I ESTIMATE THE CROP YIELDS TO BE OBTAINED? (5) CROPS FOR THE PROBLEM FARM, AND (6) ESTIMATED CROP PRODUCTION AND ITS VALUE ON THE PROBLEM FARM. THE FORMAT OF THE STUDY GUIDE MAKES IT EASY TO INSERT IN A LOOSE-LEAF NOTEBOOK. (JS)

VT 015 266
WITT, W.H.
DAIRY CATTLE BREEDS.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VAS-1046
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, UNIVERSITY OF ILLINOIS, URBANA, ILLINOIS 61801 ($.15)
PUB DATE - 72 13P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS; *STUDY GUIDES; SECONDARY EDUCATION; POST SECONDARY EDUCATION; ADULT EDUCATION; *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *LIVESTOCK; *AGRICULTURAL PRODUCTION

ABSTRACT - DESIGNED BY SUBJECT MATTER SPECIALISTS AND OTHER EDUCATORS, THIS STUDY GUIDE WAS PREPARED FOR USE IN BOTH SECONDARY AND POST-SECONDARY PRODUCTION AGRICULTURE PROGRAMS. WITH AN ESTIMATED TIME ALLOTMENT OF 1-3 CLOCK HOURS, THE GUIDE PROVIDES INFORMATION ABOUT THE FOLLOWING: (1) AYRSHIRE, (2) BROWN SWISS, (3) GUERNSEY, (4) HOLSTEIN-FRIESIAN, (5) JERSEY, (6) MILKING SHORTHORN, (7) RED DANISH, DUTCH BELTED, AND RED POLL, AND (8) DAIRY CATTLE ORGANIZATIONS. THE FORMAT OF THE STUDY GUIDE MAKES IT POSSIBLE TO INSERT IN A LOOSE-LEAF NOTEBOOK. (JS)

VT 015 413
PITT COUNTY MIDDLE GRADES PROJECT: CONSTRUCTION INDUSTRIES, MANUFACTURING INDUSTRIES AND AGRICULTURAL OCCUPATIONS.

PITT COUNTY SCHOOLS, GREENVILLE, N.C.
MF AVAILABLE IN VT-ERIC SET.
CVTE-000553
PUB DATE - ND 177P.PAES COLLECTION

DESCRIPTORS - GRADE 7; GRADE 8; STUDENT PROJECTS; CAREER EDUCATION; *VOCATIONAL EDUCATION; *INDUSTRIAL EDUCATION; GENERAL EDUCATION; INTEGRATED CURRICULUM; *CURRICULUM GUIDES; CONSTRUCTION INDUSTRY; NATURAL RESOURCES; MANUFACTURING; ASSEMBLY (MANUFACTURING); ACTIVITY UNITS; AGRICULTURAL OCCUPATIONS; BEHAVIORAL OBJECTIVES; PROGRAM CONTENT; INDIVIDUALIZED CURRICULUM; DROPOUT IDENTIFICATION; OCCUPATIONAL INFORMATION; SELF CONCEPT
IDENTIFIERS - ECONOMIC AWARENESS

ABSTRACT - THIS CURRICULUM GUIDE FOR VOCATIONAL STUDENTS IN GRADES 7 AND 8 PROVIDES "HANDS-ON" LABORATORY ACTIVITIES RELATED TO CONSTRUCTION, MANUFACTURING, AND AGRICULTURAL OCCUPATIONS. DEVELOPED, FIELD TESTED, AND EVALUATED IN 1970 AND 1971 BY THE STAFF OF THE PITT COUNTY MIDDLE GRADES PROJECT, THE GUIDE REPRESENTS HALF OF THE LABORATORY COMPONENT IN A COMPREHENSIVE OCCUPATIONAL AWARENESS PROGRAM. A MULTIPLE ACTIVITY PROGRAM ALLOWS SEVERAL ROTATING GROUPS OF THREE OR FOUR STUDENTS APIECE A SPECIFIC AMOUNT OF TIME TO SPEND IN SEVERAL LEARNING ACTIVITY MODULES. PROVIDING AN INDIVIDUALIZED APPROACH INTEGRATING VOCATIONAL EDUCATION INTO A TOTAL EDUCATIONAL FRAMEWORK, THE STUDENT PROJECTS CONSTITUTE A BROAD BACKGROUND OF GENERAL INDUSTRIAL EXPERIENCES. RELEVANCE TO STUDENT NEEDS IS EMPHASIZED BY PROVIDING OPPORTUNITIES FOR SELF APPRAISAL, VOCATIONAL EXPERIENCES, AND EMPLOYMENT INFORMATION FOR PITT COUNTY. IDENTIFYING AND AIDING THE POTENTIAL DROP-OUT AND RELATING

STUDENT PROJECTS TO FUTURE OCCUPATIONAL CHOICES ARE TWO IMPORTANT GOALS OF THE VOCATIONAL PROGRAM. A WIDE RANGE OF STUDENT HAND-OUTS INCLUDE DIAGRAMS, TERM DEFINITIONS, REQUIRED MATERIALS LISTS, AND PROJECT PROCEDURES. PROJECT-RELATED OCCUPATIONS AND SUGGESTED AUDIOVISUAL AIDS ARE LISTED IN THE SEPARATE MODULE OVERVIEWS, WHICH ARE GROUPED ACCORDING TO GRADE LEVEL. (AG)

VT 015 422 ED 062 571
AGRICULTURAL EDUCATION--
INSTRUCTIONAL MATERIALS.

OHIO STATE UNIV., COLUMBUS. CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION.
NATIONAL CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT (DHEW/OE), WASHINGTON, D.C.
EDRS PRICE MF-$0.65 HC-$16.45.
OEG-3-7-000158-2037
BIB-SER-8 BR-7-0158
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402
PUB DATE - 72
451P.COMPILATION OF ABSTRACTS FROM ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION, 1967-1971

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *ABSTRACTS; *RESOURCE GUIDES; *AGRICULTURAL EDUCATION; AGRICULTURAL OCCUPATIONS; VOCATIONAL AGRICULTURE; SECONDARY GRADES; POST SECONDARY EDUCATION; ADULT EDUCATION; CAREER EDUCATION; *INDEXES (LOCATERS)

ABSTRACT - THIS COMPILATION PRESENTS OVER 950 RESUMES OF INSTRUCTIONAL MATERIALS IN AGRICULTURAL EDUCATION, WHICH HAVE APPEARED QUARTERLY IN "ABSTRACTS OF INSTRUCTIONAL MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION" (AIM), FALL 1967 THROUGH FALL 1971. RESUMES COVER A BROAD RANGE OF FIELDS AND OCCUPATIONS, SUCH AS AGRIBUSINESS, AGRONOMY, ANIMAL AND PLANT SCIENCES, FARM MECHANICS, FLORICULTURE, AND OFF-FARM AGRICULTURAL OCCUPATIONS. THE RESUMES ARE ARRANGED IN ASCENDING ORDER ACCORDING TO AN ACCESSION NUMBER AND INCLUDE THE FOLLOWING INFORMATION: (1) AUTHOR(S), (2) TITLE, (3) INSTITUTIONAL SOURCE, (4) SPONSORING AGENCY, (5) GRANT, CONTRACT, AND PROGRAM AREA NUMBERS, (6) REPORT AND BUREAU NUMBERS, (7) SOURCES OF AVAILABILITY, (8) DESCRIPTORS AND IDENTIFIERS WHICH CHARACTERIZE THE CONTENTS OF THE DOCUMENT, AND (9) AN ABSTRACT OF THE DOCUMENT. AUTHOR, SUBJECT, AND CONVERSION OF DOCUMENT NUMBER INDEXES ARE INCLUDED TO HELP LOCATE THE ABSTRACTS BY PAGE NUMBER AND ACCESSION NUMBER. THE FULL TEXTS OF DOCUMENTS ARE AVAILABLE FROM THE ORIGINAL SOURCES OR FROM ERIC DOCUMENT REPRODUCTION SERVICE (EDRS) AS MICROFICHE OR XEROX REPRODUCTIONS. A SAMPLE RESÚME AND ORDERING INFORMATION FOR AIM AND EDRS REPRODUCTION ARE PROVIDED IN AN INTRODUCTORY SECTION. (SB)

VT 015 634
BARNETT, W.N.
AGRICULTURE. TEACHER'S GUIDE. A UNIT IN PREVOCATIONAL EDUCATION.

SOUTH CAROLINA STATE DEPT. OF EDUCATIN, COLUMBIA. OFFICE OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CVTE-C00415
PUB DATE - JUN71 37P.PAES COLLECTION

DESCRIPTORS - *UNITS OF STUDY (SUBJECT FIELDS); OCCUPATIONAL INFORMATION; LESSON PLANS; *LEARNING ACTIVITIES; *TEACHING GUIDES; *RESOURCE MATERIALS; *AGRICULTURAL EDUCATION; TEACHING PROCEDURES; TEACHING TECHNIQUES; BEHAVIORAL OBJECTIVES; WORKSHEETS; FIELD TRIPS; INSTRUCTIONAL MATERIALS; REFERENCE MATERIALS IDENTIFIERS - CAREER AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS ROUGH DRAFT OF A TEACHING GUIDE IN AGRICULTURE, WRITTEN BY A TEACHER, CONTAINS AN INTRODUCTORY RATIONALE GIVING SALARY RANGES IN AGRICULTURE, 21 LEARNING ACTIVITIES, WORK SHEETS, REFERENCES, AND MATERIALS LISTS. EACH ACTIVITY INCLUDES A BEHAVIORAL OBJECTIVE, EQUIPMENT AND MATERIALS LISTS, AND TEACHING PROCEDURES. TEACHING TECHNIQUES INCLUDE DEMONSTRATION, DISCUSSION, "HANDS-ON" EXPERIENCES, AND FIELD TRIPS. THE RATIONALE AND SEVERAL LEARNING ACTIVITIES RELATE SPECIFICALLY TO CAREER OPPORTUNITIES IN AGRICULTURE. (AG)

VT 015 965
DAY, ALBERT M.
MAKING A LIVING IN CONSERVATION. A GUIDE TO OUTDOOR CAREERS.

STACKPOLE BOOKS, HARRISBURG. PA.
DOCUMENT NOT AVAILABLE FROM EDRS.
CVTE-X00691-X-CCEM
PHYLLIS C. BLOCKI, THE STACKPOLE COMPANY, CAMERON AND KELKER STREET, HARRISBURG, PA. 17105 ($3.95)
PUB DATE - 71 97P.PAES COLLECTION

DESCRIPTORS - NATURAL RESOURCES; SECONDARY GRADES; *CONSERVATION EDUCATION; *RESOURCE GUIDES; *OCCUPATIONAL INFORMATION; *CAREER EDUCATION; CAREER OPPORTUNITIES; OCCUPATIONAL CHOICE; *OUTDOOR EDUCATION; RESOURCE MATERIALS
IDENTIFIERS - CAREER AWARENESS; ECONOMIC AWARENESS

ABSTRACT - THIS RESOURCE GUIDE ON OUTDOOR CAREERS PROVIDES DETAILED OCCUPATIONAL INFORMATION ON A WIDE VARIETY OF CAREER OPPORTUNITIES IN CONSERVATION, SUCH AS FORESTRY, OCEANOGRAPHY, AND ENVIRONMENTAL HEALTH. SALARY RANGES, EMPLOYING AGENCIES, AND EDUCATIONAL REQUIREMENTS ARE GIVEN IN THE BRIEF JOB DESCRIPTIONS. RESOURCE MATERIALS INCLUDE A LIST OF POST-SECONDARY INSTITUTIONS OFFERING DEGREES IN CONSERVATION-RELATED AREAS AND ADDRESSES TO WRITE TO FOR FURTHER VOCATIONAL INFORMATION. (AG)

VT 016 020
VIP COMMUNICATIONS CURRICULUM FOR AGRICULTURE.

TENNESSEE STATE BOARD FOR VOCATIONAL-TECHNICAL EDUCATION, NASHVILLE.
MF AVAILABLE IN VT-ERIC SET.
VOCATIONAL-TECHNICAL EDUCATION, 20 CORDELL HULL BUILDING, NASHVILLE, TENNESSEE 37219
PUB DATE - ND 248P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *STUDY GUIDES; *COMMUNICATION SKILLS; *INSTRUCTIONAL MATERIALS; WORKSHEETS; GRAMMAR; *ENGLISH INSTRUCTION
IDENTIFIERS - VOCATIONAL IMPROVEMENT PROGRAMS; VIP

ABSTRACT - DEVELOPED BY SECONDARY SCHOOL INSTRUCTORS AND SUPERVISED BY A STATE DEPARTMENT OF EDUCATION, THIS STUDY GUIDE, FOR TEACHERS AND STUDENTS IN VOCATIONAL IMPROVEMENT PROGRAMS, CONTAINS TEN COMMUNICATIONS SKILL UNITS BASED ON AGRICULTURAL OCCUPATIONS, AND VOCATIONALLY RELATED MATERIALS REQUIRED TO DEVELOP BASIC COMMUNICATIONAL SKILLS. THESE TEN COMMUNICATIONS SKILL UNITS ARE: (1) DO YOU GET THE POINT, (2) PARTS OF SPEECH, (3) SUBJECT AND VERB AGREEMENT, (4) WRITING COMPLETE SENTENCES, THOUGHTS, OR IDEAS, (5) CAPITAL LETTERS, (6) END MARKS AND COMMAS, (7) OTHER PUNCTUATION MARKS, (8) LETTER WRITING, (9) VERB USAGE, AND (10) THE PARTS OF A SENTENCE. EACH UNIT CONTAINS A PRE- AND POSTTEST, AND AT LEAST FIFTEEN INDIVIDUAL ASSIGNMENT SHEETS.

VT 016 176
COLLINS, WILSON GLENN
PASTURES. UNIT (MODULE): PASTURE PRODUCTION.

KENTUCKY UNIV., LEXINGTON. INSTRUCTIONAL MATERIALS LAB.
MF AVAILABLE IN VT-ERIC SET.
INSTRUCTIONAL MATERIALS LABORATORY, ROOM 151, TAYLOR EDUCATIONAL BLDG., UNIVERSITY OF KENTUCKY, LEXINGTON, KENTUCKY 40506
PUB DATE - DEC70 86P.1970 REVISION.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE;

*UNITS OF STUDY (SUBJECT FIELDS); *TEACHING GUIDES; PLANT SCIENCE; *AGRONOMY; PLANT GROWTH; *SOIL SCIENCE; BIBLIOGRAPHIC CITATIONS

ABSTRACT - PREPARED FOR HIGH SCHOOL GROUPS AND ADULT CLASSES IN AGRICULTURAL EDUCATION BY A UNIVERSITY VOCATIONAL EDUCATION DEPARTMENT, THIS UNIT DEALS WITH LEARNING COMPETENCIES TO BE DEVELOPED IN SELECTING, PREPARING, FERTILIZING, MANAGING, AND RENOVATING PASTURES, AS WELL AS PROVIDING LEARNING COMPETENCIES RELATED TO UNDERSTANDING THE IMPORTANCE OF PASTURES, KNOWING THE CHARACTERISTICS OF GOOD PASTURES AND IMPLEMENTING PLANS FOR A LONG-TIME PASTURE PROGRAM. MANY REFERENCES, PUBLICATIONS AND CHARTS ARE LISTED IN THE TEXT. (DM)

VT 016 177
COLLINS, WILSON GLENN
HAY CROPS. UNIT (MODULE): HAY PRODUCTION.

KENTUCKY UNIV., LEXINGTON. INSTRUCTIONAL MATERIALS LAB.
MF AVAILABLE IN VT-ERIC SET.
INSTRUCTIONAL MATERIALS LABORATORY, ROOM 151 TAYLOR EDUCATIONAL BLDG., UNIVERSITY OF KENTUCKY, LEXINGTON, KENTUCKY 40506
PUB DATE - DEC71 61P.1971 REVISION

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; VOCATIONAL AGRICULTURE TEACHERS; *UNITS OF STUDY (SUBJECT FIELDS); *TEACHING GUIDES; *AGRONOMY; PLANT SCIENCE; PLANT GROWTH; BIBLIOGRAPHIC CITATIONS

ABSTRACT - PREPARED BY A UNIVERSITY VOCATIONAL EDUCATION DEPARTMENT FOR HIGH SCHOOL STUDENTS AND ADULT CLASSES IN AGRICULTURAL EDUCATION, THIS UNIT CONSISTS OF LEARNING COMPETENCIES TO BE DEVELOPED IN SELECTING, PREPARING, FERTILIZING, MANAGING, HARVESTING, AND STORING HAY CROPS, AS WELL AS PLANNING A LONG RANGE PROGRAM. SUGGESTED TEACHING-LEARNING ACTIVITIES, REFERENCES, PUBLICATIONS, AND VISUAL MATERIALS RELATED TO LEARNING COMPETENCIES ARE ALSO INCLUDED IN THIS INSTRUCTIONAL UNIT. (DM)

VT 016 179
ESPENSCHIED, R.F.
METAL INERT GAS (MIG) WELDING.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VAS-3037
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, URBANA, ILLINOIS 61801 ($.55)
PUB DATE - 72 44P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *UNITS OF STUDY (SUBJECT FIELDS); *WELDING; *AGRICULTURAL ENGINEERING; METALS; INSTRUCTIONAL MATERIALS

ABSTRACT - PREPARED FOR SECONDARY AND POST-SECONDARY STUDENTS BY A UNIVERSITY AGRICULTURAL DEPARTMENT, THIS INSTRUCTIONAL UNIT ON WELDING GIVES DETAILED COVERAGE TO SUCH TOPICS AS: (1) SELECTION OF EQUIPMENT, (2) ADJUSTING, SETTING UP AND MAINTAINING EQUIPMENT, AND (3) PROCEDURES USED IN WELDING DIFFERENT KINDS OF METAL. OPERATIONAL PROBLEMS WITH POSSIBLE CAUSES AND REMEDIES ARE DESCRIBED FOR A VARIETY OF SITUATIONS OF NON FUNCTIONING OF EQUIPMENT. IN ADDITION, THE DOCUMENT HAS NUMEROUS TABLES, WORKING DIAGRAMS, AND TROUBLE SHOOTING GUIDES, AS WELL AS REFERENCES RELATED TO THE TEXT. (DM)

VT 016 235 ED 065 724
AGRICULTURAL SERVICE JOBS. WORLD OF WORK.

WISCONSIN STATE EMPLOYMENT SERVICE, MILWAUKEE. OCCUPATIONAL ANALYSIS FIELD CENTER.
EDRS PRICE MF-$0.65 HC-$3.29.
SER-1150-2-71-WSES-3174
PUB DATE - ND 58P.

DESCRIPTORS - *AGRIBUSINESS; *AGRICULTURAL OCCUPATIONS;

AGRICULTURAL EDUCATION; *CAREER CHOICE; *AGRICULTURAL TECHNICIANS; PRODUCER SERVICES; AGRICULTURAL PRODUCTION; *OCCUPATIONAL INFORMATION; SERVICE OCCUPATIONS IDENTIFIERS - CAREER AWARENESS

ABSTRACT - TO AID IN SELECTION AND PLACEMENT OF PEOPLE FOR VOCATIONS IN AGRIBUSINESS, THIS BROCHURE PRESENTS OCCUPATIONAL INFORMATION ABOUT A WIDE VARIETY OF SERVICE-ORIENTED JOBS, INCLUDING ARTIFICIAL BREEDING, CONSERVATION, MARKETING, AND VETERINARY MEDICINE. COLLECTED AND REPORTED BY A RESEARCH ANALYST, THE MATERIALS FOCUS ON SERVICES RELATED TO MIDWESTERN AGRICULTURAL PRODUCTION. A JOB INDEX RELATES TITLES USED IN THIS PAMPHLET TO THOSE USED IN THE DICTIONARY OF OCCUPATIONAL TITLES. PHOTOGRAPHS ILLUSTRATE THE TEXT. (AG)

VT 016 253
ESPENSCHIED, R.F.
TUNGSTEN INERT GAS (TIG) WELDING.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VAS-3036
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, URBANA, ILLINOIS 61801 ($.40)
PUB DATE - 72 30P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *UNITS OF STUDY (SUBJECT FIELDS); *WELDING; *AGRICULTURAL ENGINEERING; ILLUSTRATIONS; METALS; *INSTRUCTIONAL MATERIALS

ABSTRACT - DEVELOPED BY A UNIVERSITY AGRICULTURAL DEPARTMENT FOR SECONDARY AND POST-SECONDARY STUDENTS, THIS UNIT GIVES COVERAGE TO TUNGSTEN INERT GAS WELDING, INCLUDING SELECTION OF EQUIPMENT, ADJUSTING, SETTING UP AND MAINTAINING THE EQUIPMENT, AND PROVIDES TECHNIQUES AND PROCEDURES USED IN WELDING DIFFERENT KINDS OF METALS. IN ADDITION, THE UNIT HAS NUMEROUS TABLES, PICTORIAL DIAGRAMS, TROUBLE SHOOTING GUIDES, AS WELL AS A LIST OF REFERENCES RELATED TO TUNGSTEN INERT GAS WELDING. (DM)

VT 016 254
OSCHWALD, W.R.; COURSON, R.L.
UNDERSTANDING SOILS.

ILLINOIS UNIV., URBANA. VOCATIONAL AGRICULTURE SERVICE.
MF AVAILABLE IN VT-ERIC SET.
VAS-4052
VOCATIONAL AGRICULTURE SERVICE, 434 MUMFORD HALL, URBANA, ILLINOIS 61801 ($.25)
PUB DATE - 72 20P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; VOCATIONAL AGRICULTURE; *SOIL SCIENCE; INSTRUCTIONAL MATERIALS; *PLANT SCIENCE; PLANT GROWTH; *CONSERVATION EDUCATION; SOIL CONSERVATION; *UNITS OF STUDY (SUBJECT FIELDS); SECONDARY GRADES; POST SECONDARY EDUCATION

ABSTRACT - PREPARED BY A UNIVERSITY AGRICULTURAL DEPARTMENT FOR SECONDARY AND POST-SECONDARY STUDENTS, THIS UNIT OF STUDY EXAMINES SOILS, INTERPRETS THEIR CHARACTERISTICS, AND PROVIDES CRITERIA FOR JUDGING LAND SO IT CAN BE USED AND MANAGED WISELY. THIS INSTRUCTIONAL UNIT GIVES A DETAILED DESCRIPTION OF THE FORMATION AND PHYSICAL MAKE-UP OF SOILS, CONSTRASTING ELEMENTS OF SOILS AND PROVIDES A GUIDE TO DETERMINE THE EIGHT KINDS OF LAND CLASSES. NUMEROUS CHARTS, MAPS, PICTURES, AND DIAGRAMS ARE USED TO ILLUSTRATE THE TEXT. (DM)

VT 016 319
THE NATIONAL ORGANIZATION FOR STUDENTS IN AGRIBUSINESS AND NATURAL RESOURCES.

FUTURE FARMERS OF AMERICA, WASHINGTON, D.C.;OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
FUTURE FARMERS OF AMERICA, P.O. BO 15159, ALEXANDRIA, VIRGINIA 22309 ($.30)
PUB DATE - ND 26P.

DESCRIPTORS - *VOCATIONAL

AGRICULTURE; CONSUMER EDUCATION; SECONDARY EDUCATION; COOPERATIVE EDUCATION; *YOUTH CLUBS; *HIGH SCHOOL STUDENTS; *AGRICULTURAL EDUCATION; PROGRAM PLANNING; ORNAMENTAL HORTICULTURE OCCUPATIONS; OCCUPATIONAL INFORMATION; *AGRIBUSINESS; CONSERVATION EDUCATION
IDENTIFIERS - *FUTURE FARMERS OF AMERICA; FFA

ABSTRACT - THIS BOOKLET, DEVELOPED IN COOPERATION WITH THE U.S. OFFICE OF EDUCATION BY THE NATIONAL FUTURE FARMERS OF AMERICA (FFA), FOCUSES ITS ATTENTION ON THE NEWLY EXPANDED FIELD OF VOCATIONAL AGRICULTURE. ADDED TO ITS TRADITIONAL SCOPE OF AGRICULTURAL PRODUCTION ARE THE NEW FIELDS OF PROCESSING, SUPPLY AND SERVICE, MECHANICS, HORTICULTURE, FORESTRY, AND NATURAL RESOURCES, WHICH INCLUDE THE VARIETY OF OCCUPATIONS WITHIN THE AGRIBUSINESS AND NATURAL RESOURCES EDUCATION IN TODAY'S HIGH SCHOOLS. NARRATIVES OF SUCCESSFUL FFA MEMBERS AND FORMER MEMBERS ARE INCLUDED. (SN)

VT 016 382
WHITE, GORDON; BROOCK, HOWARD
ORNAMENTAL PLANTS FOR INSTITUTIONAL LANDSCAPING.

CORNELL UNIV., ITHACA, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.
THE INSTRUCTIONAL MATERIALS SERVICE, DEPARTMENT OF EDUCATION, ROOM 201, STONE HALL, CORNELL UNIVERSITY, ITHACA, NEW YORK 14850 (CAT. # H 1.1, SLIDES, $10.25)
PUB DATE - 69 8P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *ORNAMENTAL HORTICULTURE; *LANDSCAPING; AGRICULTURAL EDUCATION; INSTRUCTIONAL AIDS; TEACHING GUIDES; *RESOURCE MATERIALS; HIGH SCHOOLS; *SLIDES

ABSTRACT - THIS GUIDE IS FOR USE BY HORTICULTURE TEACHERS IN THE PLANNING AND EFFECTIVE TEACHING OF A UNIT ON ORNAMENTAL PLANTS FOR INSTITUTIONAL LANDSCAPING. SOME OF THE CONTENTS INCLUDED ARE: (1) A SET OF THE BEHAVIORAL OBJECTIVES TO BE ACHIEVED, (2) SUGGESTED METHODOLOGY FOR INSTRUCTION, (3) A LIST OF RELATED REFERENCES, AND (4) A ROSTER OF 65 SLIDES ACCOMPANIED BY INFORMATION AS TO THE ILLUSTRATIONS PROVIDED AND/OR SUBSTANCE CONTAINED IN EACH. (SN)

VT 016 609
A COURSE OF STUDY GUIDE IN RANGE MANAGEMENT, FORESTRY, AND CONSERVATION.

UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.
MF AVAILABLE IN VT-ERIC SET.
UTAH STATE BOARD OF EDUCATION, OFFICE OF THE STATE SUPERINTENDENT OF PUBLIC INSTRUCTION, 1400 UNIVERSITY CLUB BUILDING, SALT LAKE CITY, UTAH 84111
PUB DATE - 67 87P.

DESCRIPTORS - *STUDY GUIDES; *STATE CURRICULUM GUIDES; SECONDARY GRADES; NATURAL RESOURCES; *CONSERVATION EDUCATION; *FORESTRY; VOCATIONAL EDUCATION; *WILDLIFE MANAGEMENT; VISUAL AIDS; VOCATIONAL AGRICULTURE; INSTRUCTIONAL MATERIALS; RESOURCE MATERIALS
IDENTIFIERS - EDUCATIONAL AWARENESS; *UTAH

ABSTRACT - THIS TENTATIVE STATE STUDY GUIDE, DEVELOPED FOR TEACHERS OF VOCATIONAL AGRICULTURE BY THREE ADMINISTRATORS IN VOCATIONAL EDUCATION AND A SPECIALIST IN AGRICULTURE, CONTAINS A SECTION ON CONSERVATION EDUCATION TO BE INTEGRATED WITH READING MATERIALS, AS WELL AS LINE DRAWINGS AND COURSE OUTLINES IN THE FIELDS OF RANGE MANAGEMENT AND FORESTRY. THE INSTRUCTIONAL MATERIALS, LOCALIZED FOR UTAH, CAN BE INCORPORATED INTO A 1-YEAR COURSE, A SEMESTER-LENGTH COURSE, OR INTO A UNIT OF STUDY. RESOURCE LISTS AND SUGGESTED QUESTIONS WITH ANSWERS FOR A HIGH SCHOOL CONSERVATION QUIZ ARE INCLUDED. (AG)

VT 016 643
TRAINING MANUAL FOR FERTILIZER PLANT OPERATORS.

TENNESSEE VALLEY AUTHORITY, MUSCLE SHOALS, ALA. NATIONAL FERTILIZER DEVELOPMENT CENTER.
MF AVAILABLE IN VT-ERIC SET.
CIRC-Z-17
PUB DATE - OCT70 247P.

DESCRIPTORS - *TEACHING GUIDES; MANUALS; AGRIBUSINESS; *SOIL SCIENCE; PLANT SCIENCE; *FERTILIZER; *AGRICULTURAL CHEMICAL OCCUPATIONS; AGRICULTURAL SUPPLIES; AGRICULTURAL ENGINEERING; *MANPOWER DEVELOPMENT

ABSTRACT - THIS TEACHING GUIDE, DESIGNED TO ASSIST INSTRUCTORS IN TRAINING CHEMICAL OPERATORS IN DEVELOPING NATIONS, PRESENTS THE CLASS MATERIALS NECESSARY FOR MAKING SIMPLE LESSON PLANS THAT WILL ALLOW OPERATORS WITH VARIOUS BACKGROUNDS TO BETTER UNDERSTAND THE CONCEPTS INTRODUCED. WORKING DRAWINGS ARE USED EXTENSIVELY. SPECIAL TIPS ON STRUCTURING LESSONS ARE PROVIDED FOR THE TEACHER AS WELL AS A 2-FOLD INSTRUCTIONAL FORMAT CONTAINING BOTH THINGS FOR HIM TO SAY AND DO. TOPICS RANGING FROM BASIC EQUIPMENT REQUIRED FOR PREVENTIVE MAINTENANCE, AND SAFETY ARE COVERED IN THIS MANUAL. (SN)

VT 016 839
HANABURGH, DAVID H.
YOUR FUTURE IN FORESTRY. ARCO-ROSEN CAREER GUIDANCE SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
7230-08259
ARCO PUBLISHING COMPANY, INC., 219 PARK AVENUE SOUTH, NEW YORK, N.Y. 10003
PUB DATE - 71 159P.PMM COLLECTION; REVISION

DESCRIPTORS - CAREER EDUCATION; SECONDARY GRADES; POST SECONDARY EDUCATION; *SUPPLEMENTARY TEXTBOOKS; FORESTRY; CONSERVATION EDUCATION; AGRICULTURE; *FORESTRY OCCUPATIONS; *VOCATIONAL AGRICULTURE; OCCUPATIONAL INFORMATION; CAREER CHOICE; FORESTRY AIDS; *OFF FARM AGRICULTURAL OCCUPATIONS; NATURAL RESOURCES
IDENTIFIERS - *CAREER AWARENESS; EMPLOYABILITY SKILLS

ABSTRACT - THIS BOOK IS DESIGNED TO PROVIDE BOTH THE STUDENT AND HIS COUNSELOR WITH A GUIDE TO THE VOCATION OF FORESTRY AND TO THE TRAINING NEEDED FOR AN ADEQUATE START IN THE FIELD. THE AUTHOR DESCRIBES HOW TRAINING IN FORESTRY CAN BE USED IN TECHNICAL, PUBLIC, INDUSTRIAL, EDUCATIONAL, AND SELF-EMPLOYMENT CAPACITIES. THE POST-SECONDARY INSTITUTIONS IN THE UNITED STATES WHICH OFFER PROFESSIONAL FORESTRY TRAINING ARE LISTED ALONG WITH SOURCES OF FINANCIAL AID. ALSO INCLUDED ARE CHAPTERS ON PREPARING A PERSONAL RESUME, A SELF EVALUATION TEST THAT POSES VARIOUS PROBLEMS LIKELY TO BE ENCOUNTERED IN A FORESTRY CAREER, A LIST OF STATE AND OTHER AGENCIES WHICH CAN PROVIDE FURTHER INFORMATION ON FORESTRY AS A CAREER, AND A LIST OF REFERENCE. (AG)

VT 017 034
SWANSON, HAROLD B.
LOOKING FORWARD TO A CAREER: AGRICULTURE.

DOCUMENT NOT AVAILABLE FROM EDRS.
5048-08090
DILLON PRESS, 106 WASHINGTON AVE. N., MINNEAPOLIS, MN 55401
PUB DATE - 71 118P. PMM COLLECTION

DESCRIPTORS - CAREER EDUCATION; *SUPPLEMENTARY TEXTBOOKS; INTERMEDIATE GRADES; SECONDARY GRADES; NATURAL RESOURCES; *AGRIBUSINESS; *AGRICULTURAL OCCUPATIONS; AGRICULTURE; TECHNICAL OCCUPATIONS; *OCCUPATIONAL INFORMATION
IDENTIFIERS - *CAREER AWARENESS

ABSTRACT - PART OF THE "LOOKING FORWARD TO A CAREER" SERIES, THIS BOOK WAS WRITTEN BY THE HEAD OF THE DEPARTMENT OF INFORMATION AND AGRICULTURAL JOURNALISM AT THE UNIVERSITY OF MINNESOTA, FOR YOUNG PEOPLE IN GRADES 5-9. IT DESCRIBES

THE BROAD FIELD OF FOOD AND FIBER CULTIVATION, PROCESSING, AND DISTRIBUTION. CHAPTERS INCLUDE FARMING AND RANCHING, RESEARCH OPPORTUNITIES, CAREERS IN BUSINESS AND GOVERNMENT, CAREERS ABROAD AND RELATED JOB OPPORTUNITIES. BLACK AND WHITE PHOTOGRAPHS ILLUSTRATE THE TEXT. (PM)

VT 017 168
DOWDELL, DOROTHY;DOWDELL, JOSEPH
CAREERS IN HORTICULTURAL SCIENCES.

DOCUMENT NOT AVAILABLE FROM EDRS.
7251-07383
JULIAN MESSNER INC., 1 WEST 39 STREET, NEW YORK, NEW YORK 10018 ($4.29)
PUB DATE - 69 222P. PMM
COLLECTION

DESCRIPTORS - CAREER EDUCATION; RESOURCE MATERIALS; REFERENCE MATERIALS; SECONDARY GRADES; *ORNAMENTAL HORTICULTURE OCCUPATION; INDEPENDENT STUDY; *NURSERY WORKERS (HORTICULTURE); *OCCUPATIONAL INFORMATION; *HORTICULTURE; PLANT SCIENCE; ENTOMOLOGY; PLANT IDENTIFICATION; PLANT PROPAGATION; AGRICULTURE; *CAREER OPPORTUNITIES; EMPLOYMENT OPPORTUNITIES
IDENTIFIERS - *CAREER AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - THE PURPOSE OF THIS TEXT IS TO INFORM STUDENTS OF GRADES 11 AND 12 OF CAREERS IN HORTICULTURE SCIENCES. COVERING THE FIELD FROM FARM TO LABORATORY AND FROM THE HEARTLAND OF AMERICA TO DISTANT LANDS, THIS BOOK PROVIDES INFORMATION ON EDUCATION, TRAINING, AND FINANCIAL REWARDS IN SUCH SPECIALIZATIONS AS COUNTY AGENT, PEST CONTROL WORKER, RESEARCHER, FOOD PROCESSING SPECIALIST, AND WRITER. A BIBLIOGRAPHY AND A NUMBER OF APPENDIXES LISTING INSTITUTIONS OFFERING TRAINING IN THE MANY ASPECTS OF HORTICULTURE ARE INCLUDED. (PM)

VT 017 207
CAREER OPPORTUNITIES: ECOLOGY, CONSERVATION, AND ENVIRONMENTAL CONTROL.

FERGUSON (J.G.) PUBLISHING CO., CHICAGO, ILL.
DOCUMENT NOT AVAILABLE FROM EDRS.
7227-08318
J.G. FERGUSON PUBLISHING CO., 6 N. MICHIGAN AVE., CHICAGO, IL. 60602 ($6.95)
PUB DATE - 71 211P. PMM
COLLECTION

DESCRIPTORS - CAREER EDUCATION; GUIDANCE; SECONDARY GRADES; TECHNICAL OCCUPATIONS; AGRICULTURAL EDUCATION; INSTRUCTIONAL MATERIALS; RESOURCE GUIDES; NATURAL RESOURCES; *ENVIRONMENTAL EDUCATION; *ECOLOGY; *CONSERVATION EDUCATION; MARINE TECHNICIANS; AGRICULTURAL TECHNICIANS; *CAREER OPPORTUNITIES; *OCCUPATIONAL INFORMATION
IDENTIFIERS - EDUCATIONAL AWARENESS; *CAREER AWARENESS

ABSTRACT - THIS TEXT IS DESIGNED FOR STUDENTS IN GRADES 10 THROUGH 12 WHO WANT TO DO SOMETHING TO HELP SAVE THE ENVIRONMENT, AND FOR COUNSELORS, TEACHERS, AND PARENTS WHO WANT TO HELP THEM HELP. THE VOLUME IS A SURVEY OF TWO-YEAR POST HIGH SCHOOL PROGRAMS RELATED TO ECOLOGY. THESE PROGRAMS, AVAILABLE AT HUNDREDS OF JUNIOR, COMMUNITY, AND TECHNICAL COLLEGES ALL OVER NORTH AMERICA, PREPARE STUDENTS TO HOLD MEANINGFUL WELL-PAYING POSITIONS IN A FIELD CONCERNED WITH THE SINGLE MOST IMPORTANT ISSUE AFFECTING THE WORLD TODAY—ITS VERY SURVIVAL. SOME OF THE CAREERS DISCUSSED ARE MARINE LIFE TECHNICIAN, FISH CULTURE TECHNICIAN, NUCLEAR TECHNICIAN AND CIVIL TECHNICIAN. (PM)

VT 017 277
NATHAN, EMILY
I KNOW A FARMER. A COMMUNITY HELPER BOOK.

DOCUMENT NOT AVAILABLE FROM EDRS.
5017-03018
G.P. PUTNAM'S SONS, 210 MADISON AVE., NEW YORK, NY 10016
PUB DATE - 70 46P. PMM
COLLECTION

DESCRIPTORS - CAREER EDUCATION; ELEMENTARY GRADES; *SUPPLEMENTARY READING MATERIALS; SHORT STORIES; *STORY READING; *CAREERS; *FARMERS; *OCCUPATIONAL INFORMATION
IDENTIFIERS - CAREER AWARENESS; *ATTITUDES APPRECIATIONS

ABSTRACT - ONE OF G.P. PUTNAM'S SONS' COMMUNITY HELPER BOOKS FOR GRADES 2-3, THE STORY IS TOLD IN WORDS AND PICTURES OF A BOY WHO SPENDS THE SUMMER ON HIS UNCLE'S FARM. FARM CHORES AND ROUTINES ARE EMPHASIZED. (PM)

VT 017 278
STANEK, MURIEL
I KNOW A DAIRYMAN. A COMMUNITY HELPER SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
5017-03017
G.P. PUTNAM'S SONS, 210 MADISON AVE., NEW YORK, NY 10016
PUB DATE - 70 47P. PMM COLLECTION

DESCRIPTORS - CAREER EDUCATION; LANGUAGE ARTS; SOCIAL SCIENCES; INSTRUCTIONAL MATERIALS; SUPPLEMENTARY READING MATERIALS; ELEMENTARY GRADES; SERVICES; *DAIRYMEN; AGRICULTURE; *FARM OCCUPATIONS; *AGRIBUSINESS; *OCCUPATIONAL INFORMATION
IDENTIFIERS - CAREER AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - ONE OF A SERIES DEPICTING COMMUNITY HELPERS, THIS BOOK TELLS THE STORY OF AN ELEMENTARY SCHOOL CLASS'S VISIT TO A DAIRY. THE CHILDREN ARE TOLD ABOUT THE TYPES OF MILK COWS, THEIR DIET, AND ROUTINE. CLEANLINESS IN ALL PHASES OF MILK PRODUCTION IS EMPHASIZED. VARIOUS MILK PRODUCTS ARE DISPLAYED AND DISCUSSED ALONG WITH MILK-PRODUCING ANIMALS OTHER THAN THE COW. WHEN THE CLASS RETURNS TO SCHOOL, THEY CONSTRUCT A MINATURE DAIRY AND EXPERIMENT WITH MAKING BUTTER. A PICTURE GLOSSARY HELPS TO REVIEW NEW VOCABULARY INTRODUCED IN THE TEXT. (PM)

VT 017 290
IRITANI, CHIKA A.
I KNOW AN ANIMAL DOCTOR. A COMMUNITY HELPER BOOK.

DOCUMENT NOT AVAILABLE FROM EDRS.
5017-03036
G.P. PUTNAM'S SONS, 210 MADISON AVE., NEW YORK, NY 10016
PUB DATE - 70 47P. PMM COLLECTION

DESCRIPTORS - CAREER EDUCATION; *LANGUAGE ARTS; *SUPPLEMENTARY READING MATERIALS; PRIMARY GRADES; VETERINARY ASSISTANTS; *VETERINARY MEDICINE; TECHNICAL OCCUPATIONS; *ANIMAL SCIENCE; *OCCUPATIONAL INFORMATION
IDENTIFIERS - *CAREER AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - PART OF A SERIES DEPICTING THE ROLES OF COMMUNITY HELPERS THIS BOOK TELLS THE STORY OF MIKE AND HIS DOG HAPPY WHO INJURES HIS PAW AND MUST BE TAKEN TO THE VETERINARIAN. WHILE THE DOG RECOVERS FROM MINOR SURGERY, MIKE IS GIVEN A TOUR OF THE ANIMAL HOSPITAL. HE LEARNS THAT CATS AND DOGS HAVE MEDICAL PROBLEMS SIMILAR TO PEOPLE, INCLUDING NEEDING TO HAVE THEIR TEETH CLEANED. THE VETERINARIAN TELLS MIKE THE PROPER DIET AND HEALTH CARE FOR A HEALTHY DOG. A SHORT PICTURE GLOSSARY REVIEWS SOME OF THE NEW WORDS INTRODUCED IN THE STORY. (PM)

VT 017 314
BEEF AND DAIRY CATTLE RAISING...JOBS.

WISCONSIN STATE EMPLOYMENT SERVICE, MADISON. OCCUPATIONAL ANALYSIS FIELD CENTER.
MF AVAILABLE IN VT-ERIC SET.
WSES-3172-SER-1130-6-70
PUB DATE - ND 65P.

DESCRIPTORS - *RESOURCE MATERIALS; *CAREER EDUCATION; *AGRICULTURAL OCCUPATIONS; AGRICULTURAL PRODUCTION; *ANIMAL SCIENCE; AGRICULTURAL MACHINERY; *LIVESTOCK
IDENTIFIERS - *BEEF DAIRY INDUSTRY; CAREER AWARENESS

ABSTRACT - THIS DOCUMENT IS DESIGNED TO ACQUAINT THE READER WITH JOBS IN THE AGRICULTURE AND AGRICULTURE SERVICE INDUSTRY AS THEY EXIST IN THE MID-WEST REGION. THE BOOKLET CONTAINS INFORMATION ON JOB DUTIES, REQUISITE PERSONAL CHARACTERISTICS FOR WORKING IN THE INDUSTRY SUCH AS APTITUDES, INTERESTS, TEMPERAMENT AND PHYSICAL TRAITS, AND THE REQUIREMENTS AN EMPLOYER MIGHT SET SUCH AS EDUCATION AND PREVIOUS EXPERIENCE. CHAPTER TITLES IN THE BOOKLET INCLUDE THE FOLLOWING: (1) INTRODUCTION - AN ORIENTATION TO THE CATTLE RAISING INDUSTRY, (2) HISTORICAL HIGHLIGHTS - A SUMMARY OF THE DEVELOPMENT OF CATTLE, (3) COLONIAL CATTLE RAISING AND THE DAWN OF DAIRYING IN AMERICA, (4) CONTEMPORARY CATTLE, (5) DESCRIPTIONS OF JOBS, (6) TRENDS IN CATTLE RAISING, AND (7) JOB OPPORTUNITIES. (DL)

VT 017 515
AGRICULTURE: CAREERS THAT IMPROVE THE QUALITY OF LIFE, RESTORE THE ENVIRONMENT, FEED THE WORLD.

MARYLAND STATE DEPT. OF EDUCATION, BALTIMORE. DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 14P.

DESCRIPTORS - *RESOURCE GUIDES; *CAREER EDUCATION; *AGRICULTURAL OCCUPATIONS; OCCUPATIONAL GUIDANCE; *OCCUPATIONAL INFORMATION; CAREER OPPORTUNITIES
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS PAMPHLET IS DESIGNED TO GIVE A BRIEF DESCRIPTION OF CAREERS IN AGRICULTURE. THE BOOKLET LISTS AND DESCRIBES SOME OF THE FOLLOWING ARE AS OF WORK: TYPES OF FARMERS, TYPES OF PAID FARM WORKERS, OCCUPATIONS IN AGRICULTURAL PRODUCTS, AGRICULTURAL SERVICE OCCUPATIONS, AND OCCUPATIONS IN AGRICULTURAL SUPPLIES, AGRICULTURAL MECHANICS, ORNAMENTAL HORTICULTURE, MANAGEMENT OF NATURAL RESOURCES. (DL)

VT 017 574
ORNAMENTAL HORTICULTURE: AGRI-BUSINESS CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG71 241P.

DESCRIPTORS - LESSON PLANS; SECONDARY GRADES; PRODUCER SERVICES; *CURRICULUM GUIDES; VISUAL AIDS; BEHAVIORAL OBJECTIVES; LEARNING ACTIVITIES; MOTIVATION TECHNIQUES; *DISADVANTAGED YOUTH; *AGRIBUSINESS; *ORNAMENTAL HORTICULTURE; VOCATIONAL EDUCATION; VOCATIONAL DEVELOPMENT; RESOURCE MATERIALS; *ORNAMENTAL HORTICULTURE OCCUPATION
IDENTIFIERS - EDUCATIONAL AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS STATE CURRICULUM GUIDE FOR AN ORNAMENTAL HORTICULTURE COURSE WAS INTENDED FOR EITHER GRADE 10 OR GRADE 11 IN A VOCATIONAL AGRIBUSINESS PROGRAM FOR DISADVANTAGED STUDENTS. DEVELOPED BY A PROJECT COMMITTEE OF SECONDARY SCHOOL TEACHERS, SUPERVISORS, AND ADMINISTRATORS IN VOCATIONAL AND AGRICULTURAL EDUCATION, THESE INSTRUCTIONAL MATERIALS INCLUDE COURSE OUTLINES FOR EIGHT UNITS OF STUDY: (1) NURSERY PRODUCTION, (2) GREENHOUSE PRODUCTION, (3) LANDSCAPE MAINTENANCE CONTRACTING, (4) RETAIL FLORICULTURE, (5) TURFGRASS MAINTENANCE, (6) GARDEN STORE OPERATION, (7) ARBORICULTURE, AND (8) HORTICULTURE MECHANICS. FOR EACH COURSE, A DETAILED INSTRUCTIONAL OUTLINE IS PRESENTED WITH DAILY LESSON PLANS, WHICH INCLUDE SPECIFIC BEHAVIORAL OBJECTIVES, LEARNING ACTIVITIES, AND RESOURCE LISTS. A WIDE RANGE OF VISUAL AIDS, INFORMATION SHEETS, TERM DEFINITIONS, AND OTHER RESOURCE MATERIALS ARE PROVIDED. TEACHING PROCEDURES ARE DETAILED, INCLUDING SUGGESTIONS FOR

MOTIVATING THE STUDENTS. THIS DOCUMENT IS 3-HOLE PUNCHED FOR EASE IN ADDITION AND REMOVAL OF PAGES. (AG)

VT 017 576
SOIL SCIENCE AND PLANT TECHNOLOGY: AGRI-BUSINESS CURRICULUM GUIDE. INSTRUCTIONAL MATERIALS FOR USE WITH DISADVANTAGED STUDENTS IN VOCATIONAL EDUCATION.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG71 181P.

DESCRIPTORS - LESSON PLANS; SECONDARY GRADES; BEHAVIORAL OBJECTIVES; RESOURCE MATERIALS; MOTIVATION TECHNIQUES; *CURRICULUM GUIDES; TEACHING PROCEDURES; *DISADVANTAGED YOUTH; AGRIBUSINESS; *SOIL SCIENCE; *PLANT SCIENCE; *VOCATIONAL EDUCATION; VOCATIONAL DEVELOPMENT; INDUSTRIAL TECHNOLOGY
IDENTIFIERS - EDUCATIONAL AWARENESS; BEGINNING COMPETENCE

ABSTRACT - THIS CURRICULUM GUIDE FOR A 1-SEMESTER COURSE AT THE HIGH SCHOOL LEVEL IN SOIL SCIENCE AND PLANT TECHNOLOGY IS INTENDED TO BE PART OF A VOCATIONAL AGRIBUSINESS PROGRAM FOR DISADVANTAGED STUDENTS. DEVELOPED BY A CURRICULUM COMMITTEE OF TWO SECONDARY VOCATIONAL AGRICULTURE INSTRUCTORS, THIS COURSE OUTLINE EMPHASIZES THE APPLICATION OF TECHNOLOGY TO SOILS AND CROP PRODUCTION. PREPARED AS AN AID FOR OMAHA VOCATIONAL AGRICULTURE INSTRUCTORS IN DEVELOPING A COURSE OF STUDY FOR STUDENTS INTERESTED IN AGRICULTURE, THIS CURRICULUM OUTLINE CONTAINS DAILY LESSON PLANS, WHICH INCLUDE SPECIFIC BEHAVIORAL OBJECTIVES, LEARNING ACTIVITIES, AND RESOURCE LISTS. INFORMATION SHEETS, OUTLINES OF SUGGESTED TEACHING PROCEDURES, VISUAL AIDS, AND TERM DEFINITIONS ARE PROVIDED. IDEAS FOR MOTIVATING THE STUDENTS ARE PRESENTED WITH EACH DAILY LESSON PLAN. THIS DOCUMENT IS 3-HOLE PUNCHED FOR EASE IN ADDITION OR REMOVAL OF PAGES. (AG)

VT 017 599
AGRI-BUSINESS EDUCATION: MODEL TRAINING PLANS FOR SECONDARY COOPERATIVE AGRI-BUSINESS EDUCATION.

INDIANA UNIV., BLOOMINGTON. SCHOOL OF EDUCATION.
INDIANA STATE BOARD OF VOCATIONAL AND TECHNICAL EDUCATION, INDIANAPOLIS;INDIANA STATE DEPT. OF PUBLIC INSTRUCTION, INDIANAPOLIS.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG72 94P.

DESCRIPTORS - *AGRIBUSINESS; *EDUCATIONAL PROGRAMS; PROGRAM DESCRIPTIONS; SECONDARY GRADES; *VOCATIONAL EDUCATION; MODELS; COOPERATIVE PROGRAMS; *COOPERATIVE EDUCATION
IDENTIFIERS - EMPLOYMENT SKILLS; CAREER AWARENESS

ABSTRACT - THE MODEL TRAINING PLANS CONTAINED IN THIS MANUAL WERE DEVELOPED BY LOCAL TEACHER-COORDINATORS AFTER AN ORIENTATION WORKSHOP AT INDIANA UNIVERSITY. THE PLANS WERE DESIGNED TO SERVE AS EXAMPLES FOR COOPERATIVE TEACHER COORDINATORS IN THE DEVELOPMENT AND UTILIZATION OF TRAINING PLANS FOR STUDENT-LEARNERS ENROLLED IN SECONDARY COOPERATIVE VOCATIONAL EDUCATION. THE BODY OF THE MANUAL CONSISTS OF THE FOLLOWING TOPICAL AREAS: (1) A DESCRIPTION OF THE MODEL TRAINING PLANS FOR THE COOPERATIVE VOCATIONAL EDUCATION PROJECT, (2) THE DEVELOPMENT AND UTILIZATION OF TRAINING PLANS IN COOPERATIVE VOCATIONAL EDUCATION, AND (3) A DESCRIPTION OF TRAINING PLANS IN SOME OF THE FOLLOWING AREAS: AGRICULTURAL MECHANICS, AGRICULTURAL POWER AND MACHINERY, NURSERY OPERATION AND MANAGEMENT, TURF MANAGEMENT, SOIL, AND FORESTRY. (AUTHORS/DL)

VT 017 648
SIDNEY, HOWARD, ED.
CAREER OPPORTUNITIES--AGRICULTURAL FORESTRY, AND OCEANOGRAPHIC TECHNICIANS. CAREER OPPORTUNITIES SERIES.

DOCUMENT NOT AVAILABLE FROM EDRS.
7227-08316
J.G. FERGUSON PUBLISHING CO., SUBS. OF DOUBLEDAY & CO., INC., 6 N. MICHIGAN AVE., CHICAGO, IL 60602
PUB DATE - 69 344P. PMM COLLECTION

DESCRIPTORS - CAREER EDUCATION; *AGRICULTURE; *FORESTRY; *OCEANOLOGY; *SUBPROFESSIONALS; *OCCUPATIONAL INFORMATION; POST SECONDARY EDUCATION; ASSOCIATE DEGREES; EMPLOYMENT OPPORTUNITIES; VOCATIONAL COUNSELING; CAREER CHOICE; CAREER PLANNING; OCCUPATIONAL GUIDANCE; EMPLOYMENT QUALIFICATIONS; AGRICULTURAL TECHNICIANS; MARINE TECHNICIANS
IDENTIFIERS - EDUCATIONAL AWARENESS; *CAREER AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - THIS HANDBOOK EXPLORES THE CAREER OPPORTUNITIES AVAILABLE TO GRADUATES OF 2-YEAR POST-SECONDARY AGRICULTURAL FORESTRY, AND OCEANOGRAPHIC TECHNICIAN PROGRAMS. INFORMATION CONTAINED IN THE JOB DESCRIPTIONS OF OVER 300 OCCUPATIONS REPRESENTING 25 FIELDS INCLUDES: (1) TYPE OF WORK, (2) NECESSARY PERSONAL QUALITIES, (3) SECONDARY AND POST-SECONDARY EDUCATIONAL REQUIREMENTS, (4) APPLYING FOR THE JOB, (5) ENTRY LEVEL JOBS, (6) ADVANCEMENT POSSIBILITIES, (7) LICENSE OR CERTIFICATION, (8) EARNINGS AND BENEFITS, AND (10) FUTURE OCCUPATIONAL OUTLOOK. (PM)

VT 017 787
AGRICULTURAL EDUCATION.

CHRONICLE GUIDANCE PUBLICATIONS, INC., MORAVIA, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.
1562-09644
CHRONICLE GUIDANCE, MORAVIA, N.Y. 13118
PUB DATE - ND 75P. PMM COLLECTION

DESCRIPTORS - CAREER EDUCATION; SECONDARY EDUCATION; POST SECONDARY EDUCATION; *SUPPLEMENTARY READING MATERIALS; INDEPENDENT STUDY; OCCUPATIONAL GUIDANCE; *AGRICULTURAL OCCUPATIONS; *AGRICULTURAL TECHNICIANS; *OFF FARM AGRICULTURAL OCCUPATIONS; *AGRIBUSINESS; FARM OCCUPATIONS; FARMERS
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS SET OF 18 BRIEFS ON A VARIETY OF JOBS RELATED TO AGRICULTURE MAY BE USED IN GRADES 9 THROUGH 14. JOB DESCRIPTIONS INCLUDED ARE VETERINARY MEDICINE, BIOLOGIST, ZOOLOGIST, MEATCUTTER, MEAT INSPECTOR, AND OCCUPATIONS IN THE CANNING AND PRESERVING INDUSTRY. EACH BRIEF CONCENTRATES ON ONE TYPE OF WORK, DESCRIBING THE JOB, GIVING PERSONAL AND EDUCATIONAL REQUIREMENTS AND A LIST OF SOURCES FOR FURTHER READING. (PM)

VT 017 807
ATWATER, MONTGOMERY M.
THE FOREST RANGERS. ADVENTURES OF THE FOREST SERVICE.

DOCUMENT NOT AVAILABLE FROM EDRS.
1545-06856
MACRAE SMITH CO., 225 S. 15 ST., PHILADELPHIA, PA 19102 ($4.95)
PUB DATE - 69 190P. PMM COLLECTION

DESCRIPTORS - *CAREER OPPORTUNITIES; *SUPPLEMENTARY READING MATERIALS; INDEPENDENT STUDY; GROUP DISCUSSION; ILLUSTRATIONS; GUIDANCE; SECONDARY GRADES; SHORT STORIES; *FORESTRY; *FORESTRY OCCUPATIONS; *OCCUPATIONAL INFORMATION; NATURAL RESOURCES; ENVIRONMENTAL EDUCATION; FORESTRY AIDES; GOVERNMENT EMPLOYEES; CONSERVATION EDUCATION; AGRICULTURE
IDENTIFIERS - EDUCATIONAL AWARENESS; CAREER AWARENESS; ATTITUDES APPRECIATIONS

ABSTRACT - WITHIN THE FRAMEWORK OF THIS BOOK, WRITTEN FOR GRADES 10 THROUGH 12, THE FOREST SERVICE'S FIRST AVALANCHE-CONTROL EXPERT TELLS ABOUT THE FORESTRY HEROES HE HAS MOST ADMIRED, AND DESCRIBES

WHAT IT FEELS LIKE TO BE A PART OF AMERICA'S GREAT CONSERVATION CORPS. THE TEXT IS FILLED WITH MANY BEAUTIFUL AND INTERESTING ILLUSTRATIONS, ALL DESIGNED TO MAKE THE READER AWARE OF THE VASTNESS OF AMERICA'S LAND, AND OF THE OUTDOOR AND INDOOR CAREER OPPORTUNITIES OFFERED IN THE FIELD OF FORESTRY. (PM)

VT 018 262
FRIDLINE, CLARENCE R.
SOME IDENTIFYING CHARACTERISTICS OF 60 CROP AND WEED SEEDS.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-100/40
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, FYFFE ROAD, COLUMBUS, OH. 43210 ($.80)
PUB DATE - NOV72 21P. NOVEMBER 1972 REVISION.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; PLANT GROWTH; *PLANT IDENTIFICATION; HIGH SCHOOL CURRICULUM; FIELD CROPS; WEEDS; AGRONOMY; GLOSSARIES; AGRICULTURAL PRODUCTION; *RESOURCE GUIDES; VISUAL AIDS; PLANTING; PLANT SCIENCE; *UNITS OF STUDY (SUBJECT FIELDS)
IDENTIFIERS - *SEEDS

ABSTRACT - USEFUL AS A STUDY GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE STUDENTS, THESE RESOURCE MATERIALS INCLUDE A RATIONALE FOR THE POSITIVE IDENTIFICATION OF COMMON CROP AND WEED SEEDS, A BRIEF GLOSSARY, A STUDENT WORKSHEET, AND A BIBLIOGRAPHY. DEVELOPED BY A CURRICULUM SPECIALIST WHO WAS A FORMER VOCATIONAL AGRICULTURE TEACHER AT THE HIGH SCHOOL LEVEL, THE DESCRIPTIONS OF 60 CROP AND WEED SEEDS ARE GROUPED INTO THE FOLLOWING CATEGORIES: (1) GRAIN CROP SEEDS, (2) FORAGE CROP SEEDS, (3) GRASS CROP SEEDS, (4) OTHER CROPS, (5) NOXIOUS WEED SEEDS, AND (6) COMMON WEED SEEDS. NUMEROUS DRAWINGS OF THE SEEDS ILLUSTRATE THE TEXT. (AG)

VT 018 264
KOWALKA, RONALD C.
BUSINESS PRINCIPLES OF LANDSCAPE SERVICE ORGANIZATIONS. TEACHERS MANUAL.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-953
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2121 FYFFE ROAD, COLUMBUS, OH. 43210 ($1.00)
PUB DATE - 72 22P.

DESCRIPTORS - *ANSWER KEYS; WORKSHEETS; *LANDSCAPING; *HORTICULTURE; PRODUCER SERVICES; AGRICULTURAL EDUCATION; *SERVICE EDUCATION; BUSINESS SKILLS; ESTIMATED COSTS; WORK EXPERIENCE; *AGRIBUSINESS; VOCATIONAL AGRICULTURE

ABSTRACT - IN THIS ANSWER KEY FOR TEACHERS TO USE WITH A RELATED STUDENT MANUAL ENTITLED "BUSINESS PRINCIPLES OF LANDSCAPE SERVICE ORGANIZATIONS," WHICH WAS DESIGNED FOR THE STUDENT IN A VOCATIONAL HORTICULTURE CURRICULUM, SUGGESTED ANSWERS TO 21 QUESTIONS ARE INCLUDED. THESE ANSWERS, TOGETHER WITH COMPLETED WORKSHEETS, ARE CORRELATED WITH THE THIRD SECTION OF THE STUDENT MANUAL, WHICH IS A PROBLEM DEALING WITH A LANDSCAPING JOB FROM THE FIRST CUSTOMER CONTACT TO BILLING THE CUSTOMER FOR THE JOB. DEVELOPED BY A FORMER MARKETING CONSULTANT WHO WAS ALSO A FORMER VOCATIONAL HORTICULTURE INSTRUCTOR, THIS DOCUMENT WAS WRITTEN WITH THE AID OF VOCATIONAL HORTICULTURE EXPERTS. THE STUDENT MANUAL IS AVAILABLE AS VT 018 265, IN THIS ISSUE. (AG)

VT 018 265
KOWALKA, RONALD C.
BUSINESS PRINCIPLES OF LANDSCAPE SERVICE ORGANIZATIONS. STUDENT MANUAL.

OHIO STATE UNIV., COLUMBUS. DEPT.
OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-953
OHIO AGRICULTURAL EDUCATION
CURRICULUM MATERIALS SERVICE, ROOM
201, 2120 FYFFE ROAD, COLUMBUS, OH.
43210 ($2.50)
PUB DATE - 72 88P.

DESCRIPTORS - *VOCATIONAL EDUCATION; AGRICULTURAL EDUCATION; ORNAMENTAL HORTICULTURE; *LANDSCAPING; *BUSINESS RESPONSIBILITY; *NURSERIES (HORTICULTURE); *MANUALS; ORNAMENTAL HORTICULTURE OCCUPATION; RECORDS (FORMS)

ABSTRACT - PREPARED BY A FORMER TEACHER OF VOCATIONAL HORTICULTURE, THIS INDIVIDUAL STUDENT REFERENCE IS DESIGNED FOR THE STUDENT IN A HORTICULTURE CURRICULUM. SECTION I DESCRIBES THE ORGANIZATION OF A LANDSCAPING BUSINESS AND A JOB DESCRIPTION OF ITS MAJOR EMPLOYEES. SECTION II IS A DESCRIPTION OF A TYPICAL LANDSCAPING JOB FROM START TO FINISH WITH EMPHASIS UPON THE USE AND PREPARATION OF BUSINESS FORMS. THE FORMS INCLUDED ARE EXAMPLES OF THE VARIETY USED BY VARIOUS BUSINESSES WITH EMPHASIS ON THE PURPOSE OF THE FORM. SECTION III IS A PROBLEM WHICH TAKES THE STUDENT THROUGH A LANDSCAPING JOB FROM THE FIRST CUSTOMER CONTACT TO THE FINAL BILLING. A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 016 264. (AUTHOR/KH)

VT 018 267
HILLISON, JOHN H.
CONSERVATION AIDE V, ENGINEERING:
CONSERVATION STRUCTURES AND
PRACTICES.

OHIO STATE UNIV., COLUMBUS. DEPT.
OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-963
OHIO AGRICULTURAL EDUCATION
CURRICULUM MATERIALS SERVICE, ROOM
201, 2120 FYFFE ROAD, COLUMBUS,
OHIO 43210 ($1.00)
PUB DATE - 72 66P.

DESCRIPTORS - VOCATIONAL AGRICULTURE; ENGINEERING TECHNICIANS; *CONSERVATION EDUCATION; *PROJECT TRAINING METHODS; *VOCATIONAL EDUCATION; WORK EXPERIENCE PROGRAMS; VOCATIONAL DEVELOPMENT; COOPERATIVE PROGRAMS; PHOTOGRAPHS; VISUAL AIDS; WORKBOOKS; BEHAVIORAL OBJECTIVES; JOB TRAINING; *ENGINEERING TECHNOLOGY; *SUPPLEMENTARY TEXTBOOKS
IDENTIFIERS - *OHIO; CONSERVATION AIDE

ABSTRACT - THIS BASIC WORKBOOK SERVES AS A TEXT FOR OHIO ENGINEERING STUDENTS ON CONSERVATION STRUCTURES AND PRACTICES. AS ONE PART OF A 5-PART SERIES ENTITLED "CONSERVATION AIDES REFERENCES," THIS INSTRUCTIONAL UNIT IS DESIGNED FOR HIGH SCHOOL JUNIORS AND SENIORS IN A COOPERATIVE WORK EXPERIENCE PROGRAM IN VOCATIONAL AGRICULTURE. AFTER COMPLETION OF THIS CONSERVATION AIDE TRAINING PROJECT, THE STUDENT WILL BE READY FOR IMMEDIATE POST-SECONDARY EMPLOYMENT IN SOIL AND WATER CONSERVATION SERVICES. NUMEROUS PHOTOGRAPHS AND LINE DIAGRAMS ILLUSTRATE THE TEXT, WHICH INCLUDES BEHAVIORAL OBJECTIVES, WORKSHEETS, AND READING MATERIALS. (AG)

VT 018 268
HILLISON, JOHN H.
CONSERVATION AIDE IV, SURVEYING.

OHIO STATE UNIV., COLUMBUS. DEPT.
OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-963
OHIO AGRICULTURAL EDUCATION
CURRICULUM MATERIALS SERVICE, ROOM
201, 2120 FYFFE ROAD, COLUMBUS,
OHIO 43210 ($1.25)
PUB DATE - 72 87P.

DESCRIPTORS - *VOCATIONAL EDUCATION; *INSTRUCTIONAL MATERIALS; COOPERATIVE EDUCATION; *ON THE JOB TRAINING; JOB SKILLS; *SOIL CONSERVATION; ENGINEERING; ENGINEERING TECHNICIANS; ENGINEERING TECHNOLOGY

IDENTIFIERS - *OHIO; SURVEYING

ABSTRACT - THIS REFERENCE UNIT IN SURVEYING IS INTENDED FOR USE AS BOTH A TEXTBOOK AND A WORKBOOK BY STUDENTS PLANNING A CAREER IN SOIL CONSERVATION IN OHIO. BEHAVIORAL OBJECTIVES STATED AT THE BEGINNING OF THE UNIT SERVE AS GUIDES FOR STUDYING AND MEASURING HOW WELL THE STUDENT IS DOING. LEARNING EXERCISES ARE DESIGNED FOR BOTH CLASSROOM AND ON THE JOB EXPERIENCE IN A COOPERATIVE WORK STUDY PROGRAM. UPON COMPLETION OF THE COURSE, THE STUDENT SHOULD BE ABLE: (1) TO EXPLAIN TYPES OF LEGAL SURVEYS IN OHIO, (2) TO USE UNITS OF MEASUREMENT ESSENTIAL FOR SURVEYING, (3) TO DEMONSTRATE THE USE OF SURVEYING INSTRUMENTS, (4) TO RECORD FIELD NOTES, (5) TO RECORD SURVEY INFORMATION FROM FIELD NOTES, AND (6) TO USE CORRECT TERMINOLOGY FOR SURVEYING TECHNIQUES. (KH)

VT 018 373
HILLISON, JOHN H., AND OTHERS
OCCUPATIONAL OPPORTUNITIES IN ENVIRONMENTAL MANAGEMENT.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-980/00
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($1.25)
PUB DATE - 72 52P.

DESCRIPTORS - *EMPLOYMENT OPPORTUNITIES; *INSTRUCTIONAL MATERIALS; VISUAL AIDS; LEARNING ACTIVITIES; RESOURCE MATERIALS; VOCATIONAL DEVELOPMENT; SECONDARY GRADES; *OCCUPATIONAL INFORMATION; *CAREER CHOICE; *ENVIRONMENTAL EDUCATION; ENVIRONMENTAL TECHNICIANS; WASTE DISPOSAL; MANAGERIAL OCCUPATIONS
IDENTIFIERS - CAREER AWARENESS; *ENVIRONMENTAL MANAGEMENT

ABSTRACT - DEVELOPED AS AN INTRODUCTORY GUIDE TO THE CAREERS AVAILABLE TO HIGH SCHOOL GRADUATES IN ENVIRONMENTAL MANAGEMENT, THIS INSTRUCTIONAL UNIT IS DESIGNED TO PROVIDE THE STUDENT WITH AN AWARENESS OF THE JOB OPPORTUNITIES AND REQUIREMENTS IN THIS AREA TO AID IN MAKING APPROPRIATE CAREER DECISIONS ABOUT THE FOLLOWING VOCATIONS: (1) WASTEWATER TREATMENT OPERATOR, (2) WATER TREATMENT OPERATOR, (3) AIR POLLUTION INSPECTOR, (4) SOLID WASTE MANAGERS, AND (5) SOIL CONSERVATION TECHNICIANS. AFTER COMPLETION OF THE UNIT, THE STUDENT WILL BEGIN A SPECIFIC TRAINING PROGRAM PREPARING HIM FOR IMMEDIATE POST-SECONDARY EMPLOYMENT. THE OCCUPATIONAL INFORMATION IS PRESENTED BY MEANS OF DIALOGUES DESCRIBING DAILY JOB DUTIES FOR THESE FIVE OCCUPATIONS IN ENVIRONMENTAL MANAGEMENT. NUMEROUS PHOTOGRAPHS AND DRAWINGS ILLUSTRATE THE TEXT, WHICH INCLUDES SUGGESTED LEARNING ACTIVITIES AND RESOURCE LISTS. (AG)

VT 018 376
PLANK, HARRY
FEEDS: TEACHER'S MANUAL.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-921
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OH. 43210 ($1.00)
PUB DATE - 72 24P.

DESCRIPTORS - *AGRICULTURAL SUPPLIES; *FEED INDUSTRY; *UNITS OF STUDY (SUBJECT FIELDS); INSTRUCTIONAL MATERIALS; ANSWER KEYS; *VOCATIONAL AGRICULTURE; VOCATIONAL DEVELOPMENT; TEACHING PROCEDURES; PRETESTS; VOCATIONAL EDUCATION; QUESTIONING TECHNIQUES; RESOURCE MATERIALS; *AGRICULTURAL EDUCATION

ABSTRACT - THIS INSTRUCTIONAL UNIT CONTAINS A PRE-TEST AND TEACHING SUGGESTIONS ON LIVESTOCK FEED FOR VOCATIONAL AGRICULTURE COURSE IN AGRICULTURAL SUPPLIES, CONTAINING BOTH TRUE/FALSE, COMPLETION, AND MATCHING ITEMS. A CORRESPONDING

ANSWER KEY DETAILS ANSWERS TO THESE 35 QUESTIONS. AN ANALYSIS SHEET FOR FEED INGREDIENTS, A COMPARISON SHEET ON THE COSTS OF SELLING WEANLING PIGS AS OPPOSED TO FEEDING FAT HOGS, AND A POULTRY CONTRACT SUMMARY ARE INCLUDED. FOR ADDITIONAL STUDY, TEN POULTRY CONTRACT QUESTIONS WITH ANSWERS ARE PROVIDED. (AG)

VT 018 563
ORNAMENTAL HORTICULTURE I 7051 AND ORNAMENTAL HORTICULTURE II 7052.

NORTH CAROLINA STATE BOARD OF EDUCATION, RALEIGH. AGRICULTURAL TECHNOLOGY EDUCATION SECTION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - JUL71 103P.

DESCRIPTORS - *ORNAMENTAL HORTICULTURE OCCUPATION; NATURAL RESOURCES; *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; TEACHER DEVELOPED MATERIALS; VOCATIONAL DEVELOPMENT; VOCATIONAL EDUCATION; *STATE CURRICULUM GUIDES; EDUCATIONAL OBJECTIVES; STUDENT EVALUATION; LEARNING ACTIVITIES; SECONDARY GRADES; RESOURCE MATERIALS; *OCCUPATIONAL CLUSTERS
IDENTIFIERS - *NORTH CAROLINA; EMPLOYMENT SKILLS

ABSTRACT - THESE 18 INSTRUCTIONAL UNITS FOR A 1- OR 2-YEAR VOCATIONAL AGRICULTURE COURSE IN THE OCCUPATIONAL CLUSTER OF ORNAMENTAL HORTICULTURE CONTAIN PERFORMANCE OBJECTIVES, EVALUATION PROCEDURES, TEACHING SUGGESTIONS, TIME ALLOTMENTS, AND RECOMMENDED PREREQUISITES. FOR EACH UNIT, SUGGESTED LEARNING ACTIVITIES AND RESOURCES ARE PRESENTED, TOGETHER WITH AN INSTRUCTIONAL OUTLINE, IN A 3-COLUMN FORMAT. THESE TEACHER-DEVELOPED MATERIALS PRESENT AN EXTENSIVE PROGRAM RATIONALE, RESOURCE LISTS, FACILITY REQUIREMENTS, AND TEACHER QUALIFICATIONS. USEFUL FOR BOTH BEGINNING AND EXPERIENCED TEACHERS OF AGRICULTURE, THIS STATE CURRICULUM GUIDE WAS DEVELOPED BY A PROJECT COMMITTEE TO PREPARE STUDENTS IN NORTH CAROLINA FOR IMMEDIATE POST-SECONDARY EMPLOYMENT. (AG)

VT 018 729
EGG GRADING MANUAL.

DEPARTMENT OF AGRICULTURE, WASHINGTON, D.C. CONSUMER AND MARKETING SERVICE.
MF AVAILABLE IN VT-ERIC SET.
AGRIC-HANDBOOK-75
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402 (S/N 0100-2443; $.60)
PUB DATE - APR72 61P.

DESCRIPTORS - FEDERAL PROGRAMS; VOCATIONAL EDUCATION; VOCATIONAL DEVELOPMENT; VISUAL AIDS; SHORT COURSES; *MANUALS; *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; *MARKETING; FOODS INSTRUCTION; *FOOD STANDARDS; AGRICULTURAL PRODUCTION; AGRIBUSINESS; GOVERNMENT PUBLICATIONS; *AGRICULTURAL SKILLS
IDENTIFIERS - *EGG GRADING

ABSTRACT - THIS MANUAL WAS DEVELOPED AS AN AID IN TEACHING BOTH BEGINNERS AND EXPERIENCED EGG GRADERS THE CORRECT INTERPRETATION AND APPLICATION OF U.S. STANDARDS, GRADES, AND WEIGHT CLASSES FOR SHELL EGGS. AS A BASIC GUIDE IN SHORT COURSES OR GRADING SCHOOLS, THIS REVISED GOVERNMENT PUBLICATION DISCUSSES SUGGESTED EGG GRADING PROGRAMS, LEGISLATION AFFECTING GRADING AND MARKETING OF EGGS, THE STRUCTURE AND COMPOSITION OF THE EGG, AND QUALITY FACTORS. A WIDE RANGE OF PHOTOGRAPHS AND OTHER VISUAL AIDS ILLUSTRATES THE TEXT. (AG)

VT 019 144
SIMS, JIM, AND OTHERS
HORTICULTURE: GREENHOUSE AND NURSERY EMPLOYEE.

ORANGE COUNTY PUBLIC SCHOOLS, ORLANDO, FLA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 126P.

DESCRIPTORS - *HORTICULTURE;

*VOCATIONAL EDUCATION; NURSERY WORKERS (HORTICULTURE); *STUDY GUIDES; BEHAVIORAL OBJECTIVES; RESOURCE MATERIALS; STUDENT EVALUATION; WORKSHEETS; *ORNAMENTAL HORTICULTURE OCCUPATION
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS STUDY GUIDE IS DESIGNED TO ACQUAINT THE STUDENT WITH THE TASKS ASSOCIATED WITH A GREENHOUSE AND NURSERY EMPLOYEE. THE GUIDE PROVIDES TASK LISTING SHEETS, A LIST OF JOB PREREQUISITES AND A PREREQUISITE TEST, A DESCRIPTION OF JOB OBJECTIVES, AND A TASK DETAILING SHEET. SIX UNITS OF STUDY ARE INCLUDED IN THE BOOKLET. THEY APPEAR UNDER THE FOLLOWING TITLES: (1) SOIL PREPARATION AND FERTILIZATION, (2) PLANT IDENTIFICATION AND PROPAGATION, (3) PRUNING AND CARING FOR PLANTS, (4) IDENTIFYING AND CONTROLLING INSECTS AND DISEASES, (5) OPERATING AND MAINTAINING GREENHOUSES AND NURSERY EQUIPMENT, AND (6) MERCHANDISING PLANTS AND SUPPLIES. EACH UNIT CONTAINS SPECIFIC OBJECTIVES, A LIST OF LEARNING ACTIVITIES, MATERIALS AND RESOURCES, WORKSHEETS, A PRE- AND POSTTEST, AND AN EVALUATION FORM. (DL)

VT 100 010
MORGAN, JOHN P.
FARM ACCOUNTING PROBLEM. TEACHER'S MANUAL.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-818
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, RM 201, 2120 FYFFE ROAD, COLUMBUS, OH 43210 ($2.00)
PUB DATE - 72 91P.

DESCRIPTORS - *TEACHING GUIDES; *AGRIBUSINESS; *FARM ACCOUNTS; DISTRIBUTIVE EDUCATION; MARKETING; *FARM MANAGEMENT; RECORDS (FORMS); SECONDARY GRADES; *SIMULATION; PROBLEM SOLVING; PROBLEM SETS
IDENTIFIERS - OHIO

ABSTRACT - THIS MANUAL WAS PREPARED BY AN ASSOCIATE WITH THE OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, AND IS DESIGNED TO HELP TEACHERS OF AGRIBUSINESS COURSES IN PRESENTING A PRACTICAL LEARNING SITUATION IN THE AREA OF FARM BUSINESS ACCOUNTING. FOR USE WITH A STUDENT MANUAL (VT 018 064), THIS GUIDE GIVES ADDITIONAL ACCOUNTING DETAILS AND SUGGESTS ADDITIONAL LEARNING MATERIALS AND RESOURCES TO MAKE THE PROBLEM INTERESTING AND MEANINGFUL TO THE STUDENT. IT ALSO PROVIDES ANSWER KEYS FOR VARIOUS ASPECTS OF THE PROBLEM PRESENTED. THIS SIMULATED FARM ACCOUNTING PROBLEM IS BASED ON INFORMATION INCLUDED IN "THE OHIO COMMERCIAL FARM ACCOUNT BOOK", A NATIONALLY RECOGNIZED FARM ACCOUNTING SYSTEM, AND THE DATA INCLUDED ARE A MODIFICATION OF FARM ACCOUNTS FROM THREE ACTUAL FARMS IN OHIO AND MAY BE CONSIDERED REPRESENTATIVE OF A FARMING SITUATION IN OHIO. THE GUIDE INCLUDES NUMEROUS SAMPLE FORMS AND RECORDS. (AW)

VT 100 011
GLIEM, JOSEPH A.
UPS AND DOWNS: THE BASIC PRINCIPLES OF LADDER SAFETY.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-900
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, RM 201, 2120 FYFFE ROAD, COLUMBUS, OH 43210 ($.25)
PUB DATE - 72 25P.

DESCRIPTORS - *STUDY GUIDES; *UNIT PLAN; TEACHING GUIDES; HIGH SCHOOLS; VOCATIONAL AGRICULTURE; *AGRIBUSINESS; *SAFETY; SAFETY EDUCATION; *ACCIDENT PREVENTION; AGRICULTURAL SAFETY
IDENTIFIERS - *LADDERS

ABSTRACT - THIS REFERENCE IS DESIGNED FOR USE IN HIGH SCHOOL VOCATIONAL AGRICULTURE CLASSES TO HELP STUDENTS SELECT AND USE LADDERS SAFELY AND PREVENT INJURY.

PREPARED BY A CURRICULUM MATERIALS ASSOCIATE, THE GUIDE WILL ALSO AID VOCATIONAL AGRICULTURE TEACHERS IN PLANNING AN INSTRUCTIONAL UNIT IN THE AGRIBUSINESS CURRICULUM. THE MANUAL PROVIDES STUDENT OBJECTIVES, GENERAL INFORMATION ON LADDER PARTS, USE, POSITIONING, AND MAINTENANCE, AND A LADDER SAFETY TEST RECOMMENDED TO BE KEPT ON FILE BY THE TEACHER AS EVIDENCE THAT THE STUDENT HAS SATISFACTORILY COMPLETED THE UNIT. THE GUIDE CONTAINS NUMEROUS PHOTOGRAPHS, DIAGRAMS, AND DRAWINGS. (AW)

VT 100 012
ZURBRICK, PHILLIP R.;REID, RICHARD A.
INSTRUCTIONAL UNITS ON AGRICULTURAL MARKETING PRINCIPLES.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-640
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, RM 201, 2120 FYFFE ROAD, COLUMBUS, OH 43210 ($2.25)
PUB DATE - 72 96P. REVISED EDITION

DESCRIPTORS - *TEACHING GUIDES; *UNIT PLAN; *AGRIBUSINESS; *MARKETING; *VOCATIONAL AGRICULTURE; INDUCTIVE METHODS; TEACHING METHODS; DISCOVERY PROCESSES

ABSTRACT - THIS MANUAL IS INTENDED TO AID VOCATIONAL AGRICULTURE TEACHERS IN PRESENTING THE APPLICATION OF BASIC MARKETING PRINCIPLES TO THE BUSINESS OF AGRICULTURE. DEVELOPED BY A COMMUNITY COLLEGE INSTRUCTION OF AGRICULTURE, THE MANUAL WAS FIELD TESTED IN 16 OHIO VOCATIONAL AGRICULTURE DEPARTMENTS AND UPDATED AND ADAPTED TO MAKE THE INFORMATION FIT MIDWESTERN CONDITIONS. THE INSTRUCTIONAL UNITS ARE CONCERNED WITH THE FIVE AGRICULTURAL MARKETING PRINCIPLES OF MARKETING, DEMAND, SUPPLY, ELASTICITY OF SUPPLY AND DEMAND, AND PRICE DETERMINATION, AND WERE DESIGNED TO BE TAUGHT BY THE INDUCTIVE TEACHING PROCESS WITH THE DISCOVERY APPROACH TO LEARNING. EACH UNIT PROVIDES UNIT TITLE AND OBJECTIVES, INTRODUCTORY MATERIAL, TEACHING-LEARNING ACTIVITIES, EXAMPLES, SPECIFIC PRINCIPLES, AND SUGGESTED STUDENT ACTIVITIES. THE TEXT IS ILLUSTRATED WITH NUMEROUS GRAPHS, CHARTS, AND TABLES. (AW)

VT 100 013
SHANNON, THEODORE P.
GETTING STARTED ON YOUR NEW JOB.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-900/03-AWE-7
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, RM 201, 2120 FYFFE ROAD, COLUMBUS, OH 43210 ($.30)
PUB DATE - 71 31P.

DESCRIPTORS - *STUDY GUIDES; *UNIT PLAN; *OCCUPATIONAL INFORMATION; *TASK PERFORMANCE; JOB SKILLS; ADULT VOCATIONAL EDUCATION; *INDEPENDENT STUDY; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS SELF-INSTRUCTIONAL UNIT IS DESIGNED TO PROVIDE ALL THE NECESSARY INFORMATION FOR THE BEGINNING EMPLOYEE ON A NEW JOB. AREAS COVERED INCLUDE: (1) GETTING A PHYSICAL EXAMINATION, (2) FILLING OUT NECESSARY FORMS, (3) GETTING INSTRUCTIONS ON JOB DUTIES AND SAFETY, (4) PROPER CLOTHING AND EQUIPMENT, (5) UNION MEMBERSHIP, (6) GETTING ALONG WITH CO-WORKERS, AND (7) UNDERSTANDING THE FIRST PAYCHECK. THE UNIT IS PRESENTED IN NARRATIVE FORM AND FOLLOWS A TYPICAL NEW EMPLOYEE THROUGH HIS FIRST PAY PERIOD ON THE JOB. THE TEXT IS ILLUSTRATED WITH NUMEROUS LINE DRAWINGS AND SAMPLE FORMS AND RECORDS. (AW)

VT 100 014
MORGAN, JOHN P.
FARM ACCOUNTING PROBLEM. STUDENT MANUAL.

OHIO STATE UNIV., COLUMBUS. DEPT.

OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-818
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, RM 201, 2120 FYFFE ROAD, COLUMBUS, OH 43210 ($1.50)
PUB DATE - 72 74P.

DESCRIPTORS - *FARM ACCOUNTS; TEACHING GUIDES; STUDY GUIDES; *PROBLEM SETS; VOCATIONAL AGRICULTURE; *FARM MANAGEMENT; *AGRIBUSINESS; MONEY MANAGEMENT; ACCOUNTING; BOOKKEEPING; *WORKBOOKS

ABSTRACT - FOLLOWING NUMEROUS REQUESTS FROM OHIO VOCATIONAL AGRICULTURE TEACHERS SEEKING A PRACTICAL LEARNING SITUATION FOR THEIR STUDENTS IN THE AREA OF FARM BUSINESS ACCOUNTING, THIS MANUAL WAS DEVELOPED AS A TRAINING AID TO ALLOW STUDENTS TO LEARN ACCOUNTING PRACTICES IN A SITUATION THAT WOULD BE FAMILIAR TO MOST OF THEM AND USABLE BY ALL ENTERING A FARM BUSINESS. THE MANUAL, CONSISTING OF A STUDENT'S AND A TEACHER'S SECTION, WAS PREPARED BY AN ASSOCIATE WITH THE OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE FROM MODIFIED DATA FROM THREE ACTUAL OHIO FARM ACCOUNTS AND MAY BE CONSIDERED REPRESENTATIVE OF A FARMING SITUATION IN OHIO. THE STUDENT'S SECTION OF THE MANUAL PROVIDES ALL THE NECESSARY INPUT DATA TO ASSIST THE STUDENT IN MAKING THE PROPER ENTRIES IN THE "OHIO COMMERCIAL FARM ACCOUNT BOOK", A NATIONALLY RECOGNIZED SOUND FARM ACCOUNTING SYSTEM. THE TEACHER'S MANUAL PROVIDES ADDITIONAL ACCOUNTING DETAILS AND ANSWER KEYS FOR VARIOUS ASPECTS OF THE PROBLEM, AND SUGGESTS ADDITIONAL LEARNING MATERIALS AND RESOURCES TO MAKE THE PROBLEM MEANINGFUL AND INTERESTING TO THE STUDENT. THE TEXT IS ILLUSTRATED WITH SAMPLE RECORD FORMS AND CHARTS. (AW)

VT 100 015
MCCORMICK, FLOYD;BERG, JERRY
FARM RECORDS--A MANAGEMENT TOOL.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-818
PUB DATE - 72 90P.

DESCRIPTORS - STUDY GUIDES; *TEACHING GUIDES; *AGRIBUSINESS; VOCATIONAL AGRICULTURE; *FARM ACCOUNTS; *FARM MANAGEMENT; RECORDS (FORMS); *ACCOUNTING; SECONDARY GRADES

ABSTRACT - THIS GUIDE IS DESIGNED TO AID VOCATIONAL AGRICULTURE TEACHERS AND EXTENSION PERSONNEL IN TEACHING FARM BUSINESS RECORDS AND ACCOUNTING. DIVIDED INTO THREE MAIN SECTIONS, WITH PART I PROVIDING GENERAL INFORMATION, PART II CONCERNED WITH A PROCEDURE FOR USING THE 5-YEAR INVENTORY BOOK, AND PART III DEALING WITH PROCEDURES FOR USING THE CASH ACCOUNT BOOK, THE MANUAL PROVIDES STEP-BY-STEP PROCEDURES FOR VARIOUS ASPECTS OF FARM BUSINESS ACCOUNT KEEPING. THE GUIDE CONTAINS NUMEROUS TABLES, DIAGRAMS, AND SAMPLE FORMS AND RECORDS. (AW)

VT 100 016
FRIDLINE, CLARENCE R.
SOME COMMON TYPES OF INSECTS.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-610
PUB DATE - 72 31P.

DESCRIPTORS - *STUDY GUIDES; *VOCATIONAL AGRICULTURE; *ENTOMOLOGY; INSECTICIDES; HORTICULTURE; *CLASSIFICATION; LEARNING ACTIVITIES; SECONDARY GRADES

ABSTRACT - THIS GUIDE IS DESIGNED TO ACQUAINT VOCATIONAL AGRICULTURE STUDENTS WITH VARIOUS TYPES OF INSECTS, INCLUDING GENERAL INFORMATION ON INSECT CLASSIFICATION, LIFE CYCLES, MOUTHPART TYPES, HARMFUL INSECTS, AND BENEFICIAL INSECTS. THE GUIDE PROVIDES OBJECTIVES, STUDENT ACTIVITIES, AN INSECT

CLASSIFICATION KEY, AND NUMEROUS ILLUSTRATIONS INCLUDING PHOTOGRAPHS, DRAWINGS, AND TABLES. (AW)

VT 100 017
SHANNON, THEODORE
TAKING CARE OF YOURSELF.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-900/65-AWE-8
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2130 FYFFE ROAD, COLUMBUS, OH 43210 ($.30)
PUB DATE - 72 28P.

DESCRIPTORS - *HYGIENE; MEDICAL SERVICES; CLOTHING; *UNITS OF STUDY (SUBJECT FIELDS); *STUDY GUIDES; SECONDARY GRADES; *VOCATIONAL EDUCATION

ABSTRACT - THIS PERSONAL GROOMING UNIT FOR HIGH SCHOOL STUDENTS PRESENTS SUGGESTIONS FOR BASIC HYGIENE, CLOTHING, AND GOOD HEALTH. DESIGNED MAINLY TO HELP VOCATIONAL STUDENTS LOOK AND FEEL THEIR BEST ON THE JOB, THE BOOKLET COVERS SUCH GROOMING AREAS AS BATHING, HAIR CARE, COMPLEXION PROBLEMS, DENTAL CARE, PROPER DIET, CARE OF CLOTHING, AND SHAVING. THE IMPORTANCE OF GOOD PREVENTIVE HEALTH PRACTICES AND REGULAR MEDICAL VISITS IS STRESSED. SAMPLE HEALTH REGISTRATION FORMS ARE INCLUDED TO SERVE AS TEST-CHECKLISTS FOR THE STUDENT. THIS UNIT COULD BE IMPLEMENTED BY RESOURCE PERSONS SUCH AS THE HEALTH TEACHER, THE SCHOOL NURSE, FASHION PLANNERS, AND PERSONS IN THE MEDICAL FIELD. (KH)

VT 100 018
NEWCOMB, L.H.
MEMBERSHIP--THE PATHWAY TO LEADERSHIP.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-.50/10
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OH 43210 ($.35)
PUB DATE - 72 26P.

DESCRIPTORS - VOCATIONAL EDUCATION; *AGRICULTURAL EDUCATION; *STUDENT ORGANIZATIONS; GROUP MEMBERSHIP; *GUIDELINES; *LEADERSHIP TRAINING; AGRICULTURAL OCCUPATIONS; SECONDARY GRADES; *LEADERSHIP QUALITIES
IDENTIFIERS - *FUTURE FARMERS OF AMERICA; FFA

ABSTRACT - A FORMER AGRICULTURE TEACHER PREPARED THIS STUDENT UNIT FOR ALL STUDENTS IN VOCATIONAL AGRICULTURE. THE UNIT IS DESIGNED TO INSTILL IN STUDENTS THE FUNDAMENTAL LEADERSHIP COMPETENCIES WHICH NEED TO BE DEVELOPED FOR LIFE AND TO DEMONSTRATE BENEFITS OF MEMBERSHIP IN FUTURE FARMERS OF AMERICA (FFA). THE ORGANIZATION OF THE NATIONAL, STATE, AND LOCAL CHAPTER OF FFA IS EXPLAINED AND SEVERAL TYPICAL ACTIVITIES ARE DETAILED. GUIDELINES ARE PROVIDED FOR SUCH BASIC LEADERSHIP ACTIVITIES AS MAKING INTRODUCTIONS, CONDUCTING A MEETING, AND TAKING ON RESPONSIBILITIES. (KH)

VT 100 020
SHOWMAN, BERT T.
TEACHER'S GUIDE TO FARM MONEY MANAGEMENT.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-810
PUB DATE - 72 77P.

DESCRIPTORS - *TEACHING GUIDES; *AGRICULTURAL EDUCATION; *MONEY MANAGEMENT; SECONDARY GRADES; ADULT EDUCATION; CREDIT (FINANCE); INVESTMENT; *FARM MANAGEMENT; YOUNG FARMER EDUCATION; *ADULT FARMER EDUCATION; CAPITAL; FINANCIAL SERVICES

ABSTRACT - THIS GUIDE WAS DEVELOPED TO ASSIST TEACHERS OF VOCATIONAL AGRICULTURE IN THEIR INSTRUCTION OF YOUNG AND ADULT FARMERS AS WELL AS HIGH SCHOOL FARM MANAGEMENT

CLASSES. THE GUIDE CONSISTS OF SEVEN LESSON UNITS WHICH ARE TITLED AS FOLLOWS: (1) THE NEED FOR CAPITAL IN THE FARM BUSINESS, (2) PREPARATION AND ANALYSIS OF A NET WORTH STATEMENT, (3) CASH FLOW, (4) THE USE OF FARM CREDIT, (5) INVESTING FOR THE GREATEST RETURN, (6) INCOME TAX MANAGEMENT, AND (7) DEVELOPING A FARM FINANCIAL PLAN. EACH LESSON CONTAINS ONE OR SEVERAL BEHAVIORAL OBJECTIVES, AN EXTENSIVE OUTLINE OF SUBJECT MATTER, SUGGESTIONS FOR STUDENT PROJECTS, AND A LIST OF REFERENCE MATERIALS. INSTRUCTIONAL CHARTS ARE ALMOST ALWAYS INCLUDED WITH EVERY LESSON. (AUTHOR/DL)

VT 100 021
HILLISON, JOHN H.
CONSERVATION AIDE III. WHAT ARE THE RESPONSIBILITIES OF A DISTRICT SOIL AND WATER EMPLOYEE.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-963
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($1.10)
PUB DATE - 72 62P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; CONSERVATION EDUCATION; STUDY GUIDES; AUTOINSTRUCTIONAL AIDS; *SOIL CONSERVATION; SUPPLEMENTARY TEXTBOOKS; *BEHAVIORAL OBJECTIVES; *WORKSHEETS; *LAND USE; VOCATIONAL AGRICULTURE
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS AUTOINSTRUCTIONAL MANUAL IS DESIGNED TO PROVIDE VOCATIONAL INFORMATION FOR THE PROSPECTIVE CONSERVATION AIDE BY DESCRIBING THE RESPONSIBILITIES OF A SOIL AND WATER DISTRICT EMPLOYEE. AN IMPORTANT PART OF THE MANUAL IS THE LIST OF BEHAVIORAL OBJECTIVES WHICH APPEARS AT THE BEGINNING OF THE BOOKLET. THESE OBJECTIVES ARE IMPLEMENTED BY MEANS OF MULTIPLE QUESTIONS IN WORKSHEET FORM. TOPICAL AREAS DEALT WITH INCLUDE THE FOLLOWING: GENERAL OFFICE PROCEDURE, A REVIEW OF THE TECHNICAL GUIDE AND ITS INFORMATION ON SOILS, INFORMATION ON LAND USE, COSTS AND PRICES FOR CROP PRODUCTION, FARM CONSERVATION PLANNING, SAFETY HABITS AND TECHNIQUES, AND INFORMATION ABOUT THE SOIL CONSERVATION SERVICE. (DL)

VT 100 022
HILLISON, JOHN H.
CONSERVATION AIDE I. SOIL AND WATER CONSERVATION: WHAT, WHY, AND HOW.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-963
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($.50)
PUB DATE - 72 30P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; CONSERVATION EDUCATION; STUDY GUIDES; *SOIL CONSERVATION; SUPPLEMENTARY TEXTBOOKS; BEHAVIORAL OBJECTIVES; WORKSHEETS; *COURSE CONTENT; EMPLOYMENT QUALIFICATIONS; JOB APPLICATION; *VOCATIONAL AGRICULTURE; *WATER RESOURCES
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS AUTOINSTRUCTIONAL MANUAL IS DESIGNED TO PROVIDE VOCATIONAL INFORMATION FOR THE PROSPECTIVE CONSERVATION AIDE BY DESCRIBING THE WHAT, WHY, AND HOW OF SOIL AND WATER CONSERVATION. THE BOOKLET IS DIVIDED INTO TWO MAJOR SECTIONS WHICH (1) DESCRIBE WHY SOIL AND WATER CONSERVATION IS IMPORTANT AND (2) DESCRIBE HOW SOIL AND WATER CONSERVATION IS ACCOMPLISHED. A LIST OF BEHAVIORAL OBJECTIVES APPEARS AT THE BEGINNING OF EACH SECTION AND IS FOLLOWED BY EXPLANATORY DESCRIPTIVE MATERIAL. QUESTION AND ANSWER SECTIONS, A LETTER OF APPLICATION FOR A POSITION AS CONSERVATION AIDE, AND A SAMPLE FORM OF A PERSONAL QUALIFICATIONS STATEMENT ARE INCLUDED AT THE END OF THE PAMPHLET. (DL)

VT 100 023
HILLISON, JOHN
CONSERVATION AIDE II. DEFINING SOILS AND WATER SHEDS.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-963
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($.75)
PUB DATE - 72 42P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; CONSERVATION EDUCATION; STUDY GUIDES; *SOIL CONSERVATION; SUPPLEMENTARY TEXTBOOKS; BEHAVIORAL OBJECTIVES; WORKSHEETS; COURSE CONTENT; *SOIL SCIENCE; *VOCATIONAL AGRICULTURE
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THIS AUTOINSTRUCTIONAL MANUAL IS DESIGNED TO PROVIDE VOCATIONAL INFORMATION FOR THE PROSPECTIVE CONSERVATION AIDE BY DEFINING SOILS AND WATER SHEDS. A LIST OF BEHAVIORAL OBJECTIVES APPEARS AT THE BEGINNING OF THE MANUAL AND IS FOLLOWED BY EXPLANATIONS CONCERNING SOIL NAMES, PROFILES, AND FACIATED SOILS. SOIL TEXTURE AND ITS CLASSIFICATION, SOIL COLOR, DEGREE OF SLOPE, SOIL STRUCTURE, SOIL LAND USE CLASSIFICATIONS, AND WATERSHEDS ARE DISCUSSED WITHIN THE MANUAL. ALSO INCLUDED IS AN EXTENSIVE KEY FOR THE CLASSIFICATION OF SOME IMPORTANT OHIO SOILS, GIVING SOIL SERIES AND A COMMONLY USED SOIL SYMBOL. THERE ARE A NUMBER OF CHARTS AND QUESTION AND ANSWER FORMS TO ASSIST THE STUDENT WHILE STUDYING THE MANUAL. (DL)

VT 100 024
PLANK, HARRY
TEACHER'S GUIDE FOR AGRICULTURAL CHEMICALS.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-924
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OH 43210
PUB DATE - 72 11P. REVISED EDITION

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL CHEMICAL OCCUPATIONS; *ANSWER KEYS; *TEACHING GUIDES; SECONDARY GRADES; *CHEMISTRY; AGRICULTURAL PRODUCTION; AGRICULTURAL SAFETY; MERCHANDISE INFORMATION

ABSTRACT - THIS TEACHER'S GUIDE TO A UNIT ON AGRICULTURAL CHEMICALS IS DESIGNED TO TEACH GENERAL PRINCIPLES RATHER THAN SPECIFIC PRODUCTS FOR SPECIFIC PURPOSES. THOSE PRINCIPLES TO BE EMPHASIZED ARE: (1) TO KNOW THE DIFFERENCE BETWEEN HERBICIDES, FUNGICIDES, AND INSECTICIDES, (2) TO UNDERSTAND LABEL INFORMATION, (3) TO KNOW HOW WEATHER, SOIL, AND CROP CONDITIONS AFFECT APPLICATION METHODS AND RESULTS OF WEED KILLERS, (4) TO BE FAMILIAR WITH SPRAYING EQUIPMENT, AND (5) TO BE AWARE OF REGULATIONS AND SAFETY PRECAUTIONS. A PRE-TEST FOR STUDENTS IS PROVIDED AS WELL AS ANSWERS TO EXERCISE QUESTIONS IN THE STUDENT MANUAL. A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 100 025. (KH)

VT 100 025
PLANK, HARRY
AGRICULTURAL CHEMICALS: STUDENT MANUAL.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-924
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OH. 43210 ($2.00)
PUB DATE - 72 95P. REVISED EDITION

DESCRIPTORS - *MANUALS; *AGRICULTURAL CHEMICAL OCCUPATIONS; *AGRICULTURAL EDUCATION; SIMULATION; INSECTICIDES; HERBICIDES; *SUPPLEMENTARY TEXTBOOKS; VOCATIONAL AGRICULTURE;

AGRIBUSINESS
IDENTIFIERS - *OHIO

ABSTRACT - THIS MANUAL CONTAINS CURRENT INFORMATION ABOUT AGRICULTURAL CHEMICALS AND IS DESIGNED TO ASSIST THE AGRICULTURAL BUSINESS STUDENT IN LEARNING MORE ABOUT PRODUCTS BUSINESSES THAT SELL OR APPLY AGRICULTURAL CHEMICALS. THE MANUAL PROVIDES PRACTICAL PROBLEMS AND QUESTIONS FOR THE STUDENT AND GIVES HIM THE OPPORTUNITY TO APPLY THIS INFORMATION IN SIMULATED SITUATIONS. CONTENTS OF THE MANUAL INCLUDE (1) THE CLASSIFICATION AND IDENTIFICATION OF DIFFERENT AGRICULTURAL CHEMICALS, (2) AN EXPLANATION OF HOW HERBICIDES CONTROL WEED GROWTH, (3) A DESCRIPTION OF DIFFERENT KINDS OF INSECTICIDES, (4) A DESCRIPTION OF HOW CHEMICALS ARE FORMULATED AND THE TIME AND METHOD OF THEIR APPLICATION, (5) A DESCRIPTION OF SPRAYING EQUIPMENT AND STATE REGULATIONS FOR THE HANDLING AND SALE OF AGRICULTURAL CHEMICALS, (6) SAMPLE APPLICATION FORMS FOR PESTICIDE LICENSES, SAMPLE FORMS FOR ACCIDENT REPORTS, (7) SUGGESTED SAFETY PRECAUTION TO FOLLOW WHEN USING AGRICULTURAL CHEMICALS, AND (8) A LIST OF OHIO POISON INFORMATION CENTERS. (DL)

VT 100 026
PLANK, HARRY
FEEDS: STUDENT MANUAL.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-921
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($1.75)
PUB DATE - 72 86P.

DESCRIPTORS - *MANUALS; *AGRICULTURAL EDUCATION; *FEED INDUSTRY; *COOPERATIVE EDUCATION; FEED STORES; SECONDARY GRADES; INSTRUCTIONAL MATERIALS; PRODUCER SERVICE; STUDY GUIDES; *AGRIBUSINESS; OFF FARM AGRICULTURAL OCCUPATIONS; AGRICULTURAL SUPPLY OCCUPATIONS

ABSTRACT - THIS MANUAL HAS BEEN PREPARED FOR THE AGRICULTURAL BUSINESS AND SERVICE STUDENT WHO IS WORKING IN A PLACE OF BUSINESS THAT PREPARES AND SELLS FEED TO LIVESTOCK PRODUCERS. DESIGNED TO ASSIST THE STUDENT IN BECOMING KNOWLEDGEABLE WITH THE PRODUCT HE IS SELLING, THE MANUAL PRESENTS INFORMATION ON FORMS OF FEED, NUTRITIONAL INGREDIENTS, THE PREPARATION AND MIXING OF FEEDS, LIVESTOCK REQUIREMENTS, AND LEGAL REQUIREMENTS, PRACTICAL STUDENT EXERCISES AND EXAMINATION QUESTIONS ARE PROVIDED ALONG WITH OPPORTUNITIES TO APPLY THE INFORMATION IN SIMULATED SITUATIONS AND IN REAL LIFE SITUATIONS AS A PART OF THE OCCUPATIONAL WORK EXPERIENCE PROGRAM. A RELATED DOCUMENT IS AVAILABLE IN THIS ISSUE AS VT 100 025. (KH)

VT 100 027
OLIVER, CRAIG S.;KOWALKA, RONALD C.
SHRUBS FOR LANDSCAPING.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-276
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($2.25)
PUB DATE - 72 108P. REVISED EDITION

DESCRIPTORS - *STUDY GUIDES; VOCATIONAL AGRICULTURE; *LANDSCAPING; *ORNAMENTAL HORTICULTURE; *PLANT IDENTIFICATION; PLANT SCIENCE; ORNAMENTAL HORTICULTURE OCCUPATION; *TREES; SECONDARY GRADES
IDENTIFIERS - SHRUBS

ABSTRACT - THIS STUDY GUIDE IS DESIGNED TO ACQUAINT VOCATIONAL AGRICULTURE STUDENTS WITH 29 DIFFERENT SHRUBS RECOMMENDED FOR LANDSCAPING USE IN OHIO. DEVELOPED BY A GRADUATE ASSISTANT WITH THE OHIO AGRICULTURAL EDUCATION

CURRICULUM MATERIALS SERVICE, THE GUIDE COVERS THE BASIC TERMS ASSOCIATED WITH SHRUBS AND THEIR RELATIONSHIP IN PLANT IDENTIFICATION, USE OF SCIENTIFIC NAMES IN IDENTIFYING AND SELECTING SHRUBS, AND SELECTION AND USE OF SHRUBS UNDER VARIOUS LANDSCAPE CONDITIONS. AN ILLUSTRATED KEY TO DECIDUOUS SHRUBS, BROADLEAF EVERGREEN SHRUBS, AND NARROWLEAF EVERGREEN SHRUBS IS PROVIDED, WITH A DETAILED SECTION ON USE OF THE KEY. (AW)

VT 100 028
OLIVER, CRAIG S.;KOWALKA, RONALD C.
TREES FOR LANDSCAPING.

OHIO STATE UNIV., COLUMBUS. DEPT.
OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-275
OHIO AGRICULTURAL EDUCATION
CURRICULUM MATERIALS SERVICE, ROOM
201, 2120 FYFFE ROAD, COLUMBUS, OH
43201 ($2.10)
PUB DATE - 72 79P. REVISED
EDITION

DESCRIPTORS - *STUDY GUIDES; *ORNAMENTAL HORTICULTURE; ORNAMENTAL HORTICULTURE OCCUPATION; *LANDSCAPING; VOCATIONAL AGRICULTURE; *PLANT IDENTIFICATION; PLANT SCIENCE; *TREES; BOTANY; SECONDARY GRADES
IDENTIFIERS - OHIO

ABSTRACT - THIS GUIDE IS DESIGNED TO ACQUAINT VOCATIONAL AGRICULTURE STUDENTS WITH 20 COMMON DECIDUOUS TREES WHICH ARE OF LANDSCAPE VALUE IN OHIO. PREPARED BY A GRADUATE ASSISTANT WITH THE OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE MANUAL COVERS: (1) BASIC TERMS ASSOCIATED WITH PLANTS AND THEIR RELATIONSHIP IN PLANT IDENTIFICATION, (2) USE OF SCIENTIFIC NAMES IN IDENTIFYING TREES AND SELECTING THEM FOR LANDSCAPING, (3) SELECTION OF TREES SUITABLE FOR LANDSCAPE USE, (4) SELECTION OF TREES THAT ARE HARDY IN A GIVEN LANDSCAPE SITUATION, AND (5) PLANTING AND MAINTAINING TREES IN THE LANDSCAPE. INFORMATION ON IDENTIFICATION OF DECIDUOUS TREES AND A DETAILED, ILLUSTRATED PLANT KEY ARE INCLUDED. (AW)

VT 100 029
HOWELL, DAVID L.;FARRINGTON,
WILLIAM S.
INTRODUCTION TO ENVIRONMENTAL
PROTECTION.

OHIO STATE UNIV., COLUMBUS. DEPT.
OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-980
OHIO AGRICULTURAL EDUCATION
CURRICULUM MATERIALS SERVICE, ROOM
201, 2120 FYFFE ROAD, COLUMBUS,
OHIO 43210 ($2.00)
PUB DATE - 72 111P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; ENVIRONMENTAL EDUCATION; SECONDARY GRADES; *ENVIRONMENT; *CONSERVATION EDUCATION; *INSTRUCTIONAL MATERIALS; NATURAL RESOURCES; EXPERIMENTS; PROBLEM SOLVING

ABSTRACT - THIS STUDENT REFERENCE HAS BEEN PREPARED AS AN INTRODUCTION FOR A 2-YEAR ENVIRONMENTAL MANAGEMENT PROGRAM AND COULD BE USED WITH ANY GROUP OF HIGH SCHOOL STUDENTS. THE UNIT IS DESIGNED TO PROVIDE THE STUDENT WITH AN AWARENESS OF THE POLLUTION PROBLEMS THAT ARE PRESENT IN OUR ENVIRONMENT AND TO ASSIST THEM IN DETERMINING HOW THEY CAN HELP IN SOLVING THESE PROBLEMS. COMMON CLASS READINGS ON SUCH MATTERS AS THE REFUSE PROBLEM, CHEMICAL POLLUTION, POPULATION, AIR POLLUTION, AND VANISHING WILDLIFE, ARE FOLLOWED BY REFERENCES FOR STUDENTS WHO DESIRE TO DO FURTHER READING. SUGGESTED EXPERIMENTS ARE INCLUDED TO PROVIDE STUDENTS WITH A FIRST-HAND KNOWLEDGE OF ENVIRONMENTAL PROBLEMS. (KH)

VT 100 045
MILLER, FRANK
MATHEMATICS FOR AGRICULTURE.

CAMDEN COUNTY VOCATIONAL-TECHNICAL
SCHOOLS, SICKLERVILLE, N.J.; NEW
JERSEY STATE DEPT. OF EDUCATION,

TRENTON, DIV. OF VOCATIONAL EDUCATION.; RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
MF AVAILABLE IN VT-ERIC SET.
N.J. VOC-TECH CURRICULUM LABORATORY, RUTGERS UNIVERSITY, BUILDING 4103, KILMER CAMPUS, NEW BRUNSWICK, N.J. 08903 ($2.50)
PUB DATE - DEC72 199P.

DESCRIPTORS - *STUDY GUIDES; AUTOINSTRUCTIONAL AIDS; *MATHEMATICS; *AGRICULTURAL EDUCATION; NUMBERS; FRACTIONS; DECIMAL FRACTIONS; PERCENTAGE; MEASUREMENT; INTEREST; SECONDARY GRADES
IDENTIFIERS - CAREER AWARENESS

ABSTRACT - THE MAIN OBJECTIVES OF THIS SELF STUDY GUIDE ARE TO PROVIDE AN EXTENSIVE REVIEW OF THE FUNDAMENTAL PROCESSES IN MATHEMATICS AND TO APPLY THESE PROCESSES TO PROBLEMS IN THE BROAD FIELD OF AGRICULTURE. INDIVIDUAL UNITS IN THIS BOOKLET COVER THE FOLLOWING AREAS: (1) WHOLE NUMBERS, (2) FRACTIONS, (3) DECIMALS, (4) RATIO AND PROPORTION, (5) PERCENTAGE, (6) MEASUREMENT, (7) WEIGHTS AND MEASURES, (8) SQUARE ROOTS, AND (9) INTEREST. ALSO INCLUDED ARE A DESCRIPTION OF THE METRIC SYSTEM, A BIBLIOGRAPHY, AND POST TESTS. (AUTHOR/DL)

VT 100 067
LONG, GILBERT A., ED.
ORNAMENTAL HORTICULTURE: AN INTEGRATED CURRICULUM GUIDE FOR ORNAMENTAL HORTICULTURE.

UTAH STATE UNIV., LOGAN. DEPT. OF AGRICULTURAL EDUCATION.
UTAH STATE BOARD FOR VOCATIONAL EDUCATION, SALT LAKE CITY.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 72 33P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *COOPERATIVE EDUCATION; *OFF FARM AGRICULTURAL OCCUPATIONS; *ORNAMENTAL HORTICULTURE OCCUPATION; *VOCATIONAL AGRICULTURE; ENTRY WORKERS; GREENHOUSES; GROUNDS KEEPERS; HORTICULTURE; JOB SKILLS; LANDSCAPING; NURSERY WORKERS (HORTICULTURE); ORNAMENTAL HORTICULTURE; SECONDARY GRADES; TURF MANAGEMENT
IDENTIFIERS - UTAH

ABSTRACT - THIS CURRICULUM GUIDE IS DESIGNED TO PREPARE VOCATIONAL HIGH SCHOOL STUDENTS FOR ENTRY LEVEL EMPLOYMENT IN THE ORNAMENTAL HORTICULTURE INDUSTRY. EIGHT ENTRY LEVEL JOBS ARE DEFINED AND THE RESPONSIBILITIES OF THE JOB ARE DESCRIBED. BEHAVIORAL OBJECTIVES, DERIVED FROM THESE RESPONSIBILITIES, DETAIL THE COURSE CONTENT FOR EACH JOB TITLE. THE DOCUMENT IS INTENDED FOR A GUIDELINE FOR UTAH TEACHERS TO USE WITH APPROPRIATE LOCAL ADJUSTMENTS. THE BEHAVIORAL OBJECTIVES LACK THE SPECIFICITY NEEDED UNTIL THE LOCAL TEACHER TOGETHER WITH LOCAL INDUSTRY PERSONNEL DECIDE WHICH BEHAVIORS ARE TO BE TAUGHT ON THE JOB. THE FOLLOWING JOB TITLES MAKE UP THE COURSE CONTENT: (1) GREENHOUSE WORKER, (2) NURSERY WORKER AND LANDSCAPING ASSISTANT, (3) LANDSCAPE GARDNER, (4) GROUNDSKEEPER FOR INDUSTRIAL, COMMERCIAL, OR INSTITUTIONAL PROPERTIES, (5) GREENSWORKER, (6) ATHLETIC FIELD GROUNDSKEEPER, (7) FLOWER SHOP WORKER, (8) AND GARDEN CENTER EMPLOYEE. (MU)

VT 100 071
FRIDLINE, CLARENCE R.
SEED PRODUCTION OF CORN, SOYBEANS, AND SMALL GRAIN.

OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-100/40
OHIO AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210 ($1.80)
PUB DATE - 71 90P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *FIELD CROPS; *INSTRUCTIONAL MATERIALS; *REFERENCE BOOKS; *VOCATIONAL EDUCATION; AGRICULTURAL PRODUCTION;

SECONDARY GRADES
IDENTIFIERS - *OHIO

ABSTRACT - THIS INSTRUCTIONAL UNIT HAS BEEN DEVELOPED AS A REFERENCE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE STUDENTS. THE PURPOSE OF THE UNIT IS TO PROVIDE ASSISTANCE AND DIRECTION TO STUDENTS FOR THE PRODUCTION OF SEEDS FOR THE MAJOR CROPS GROWN IN OHIO: CORN, SOYBEANS, WHEAT, OATS, AND BARLEY. AFTER THE UNDERLYING PRINCIPLES OF SEED PRODUCTION ARE FIRST CONSIDERED, THE INDIVIDUAL PROBLEMS FOR EACH OF THE CROPS ARE PRESENTED. SEVERAL STUDENT EXERCISES HAVE BEEN INCLUDED TO ALLOW FOR INDIVIDUAL STUDY ON SUCH ITEMS AS SEED IDENTIFICATION, VARIETY SELECTION, AND COMPARING SEED QUALITY. MANY DIAGRAMS, PHOTOGRAPHS, AND CHARTS ILLUSTRATE THE TEXT. (AUTHOR/KH)

VT 100 261
EICHELBERGER, A.E., AND OTHERS
A GUIDE FOR TEACHING AGRICULTURAL PRODUCTS.

MISSISSIPPI STATE UNIV., STATE COLLEGE. RESEARCH AND CURRICULUM UNIT.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURE-1007
CURRICULUM COORDINATING UNIT, MISSISSIPPI STATE UNIVERSITY, P.O. DRAWER DX, MISSISSIPPI STATE, MS 39762 ($1.00)
PUB DATE - 72 43P.

DESCRIPTORS - *AGRIBUSINESS; *AGRICULTURAL EDUCATION; *CROP PROCESSING OCCUPATIONS; *OCCUPATIONAL INFORMATION; *STATE CURRICULUM GUIDES; AGRICULTURAL PRODUCTION; FOOD PROCESSING OCCUPATIONS; TEACHING GUIDES; VOCATIONAL AGRICULTURE
IDENTIFIERS - *MISSISSIPPI

ABSTRACT - THIS CURRICULUM GUIDE PROVIDES INSTRUCTORS OF AGRICULTURAL EDUCATION IN THE SECONDARY SCHOOLS OF MISSISSIPPI WITH PROGRAMS FOR AGRIBUSINESS AND NATURAL RESOURCES. EACH OF THE 13 UNITS INCLUDES INSTRUCTIONAL CONTENT, STUDENT ACTIVITIES, AND REFERENCES FOR THE FOLLOWING GENERAL TOPICS: (1) OCCUPATIONAL OPPORTUNITIES IN AGRIBUSINESS, (3) MARKETING OF AGRICULTURAL PRODUCTS OF MISSISSIPPI, (4) PROCESSING FOODS IN GENERAL AND IN SELECTED SPECIFIC INSTANCES, (5) PLANNING, MAINTAINING, OPERATING, AND MANAGING AGRIBUSINESSES, AND (6) SECURING EMPLOYMENT IN THE FIELD. (MU)

VT 100 262
EICHELBERGER, A.E., AND OTHERS
A GUIDE FOR PLANNING INSTRUCTION IN AGRICULTURAL EDUCATION.

MISSISSIPPI STATE UNIV., STATE COLLEGE. CURRICULUM COORDINATING UNIT.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURE-1001
CURRICULUM COORDINATING UNIT, MISSISSIPPI STATE UNIVERSITY, P.O. DRAWER DX, MISSISSIPPI STATE, MS 39762 ($1.00)
PUB DATE - 72 17P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *RECORDKEEPING; *RECORDS (FORMS); *STUDENT RECORDS; *VOCATIONAL AGRICULTURE; PROGRAM PLANNING; STUDENT EXPERIENCES; TEACHING GUIDES
IDENTIFIERS - *MISSISSIPPI

ABSTRACT - THE PURPOSE OF THIS TEACHER'S RECORD BOOK IS TO ASSIST IN PLANNING, MANAGING, AND EVALUATING INSTRUCTION IN VOCATIONAL AGRICULTURE PROGRAMS BASED ON STUDENTS' AND COMMUNITY NEEDS, FOR SECONDARY SCHOOLS IN MISSISSIPPI. INDIVIDUAL STUDENT RECORDS OF OCCUPATIONAL OBJECTIVES, AND ACCOMPLISHMENTS (CODED TO THE U.S. OFFICE OF EDUCATION CODE NUMBERS FOR AGRICULTURE) IN SEVEN AREAS OF INSTRUCTION, PROJECTS, FFA ACTIVITIES, WORK RECORDS IN HOURS AND WAGES, AND SAVINGS DEPOSITS ARE PROVIDED FOR A CLASS OF 25 STUDENTS. A PROGRAM OF INSTRUCTION RECORDS THE MATERIAL COVERED IN CLASS, THE DATES AND HOURS USED, AND THE NAMES OF STUDENTS INVOLVED. A FINAL CHECKLIST OF ACCOMPLISHMENTS ASSISTS THE TEACHER IN EVALUATING THE PROGRESS OF THE PROGRAM. (MU)

VT 100 283
MCCARTY, GLENN
SECURING AND SUCCEEDING ON A JOB. AGRICULTURAL BUSINESS. CURRICULUM MATERIALS FOR AGRICULTURAL EDUCATION.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB-AB-3
PUB DATE - 73 44P.

DESCRIPTORS - *AGRIBUSINESS; *CAREER PLANNING; *EMPLOYMENT INTERVIEWS; *INSTRUCTIONAL MATERIALS; *JOB APPLICATIONS; AGRICULTURAL EDUCATION; EMPLOYMENT OPPORTUNITIES; VOCATIONAL DEVELOPMENT

ABSTRACT - A LESSON OUTLINE FOR USE BY TEACHERS OF AGRICULTURE IS PRESENTED AS A GUIDE TO DEVELOPING TEACHING PLANS. THE PROBLEM AREA IS SECURING A JOB IN AGRICULTURAL BUSINESS AND THE TOPICS TO BE DISCUSSED INCLUDE OBJECTIVES, JOB APPLICATIONS, INTERVIEWS, OPPORTUNITIES, AND CAREERS. AIDS AND ACTIVITIES ARE SUGGESTED FOR OBTAINING A JOB. THE PUBLICATION INCLUDES A PERSONNEL DATA SHEET, SAMPLE APPLICATION LETTERS, SAMPLE EMPLOYMENT APPLICATIONS, AND INFORMATION ABOUT EMPLOYMENT INTERVIEWS AND JOB AREAS IN AGRICULTURAL BUSINESS. (MF)

VT 100 284
MCCARTY, GLENN
ESTABLISHING AND CONDUCTING THE AGRICULTURAL BUSINESSES OPTION. PLANNING GUIDE.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF EDUCATION.ATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUC
MF AVAILABLE IN VT-ERIC SET.
PUB-AB-2
PUB DATE - 73 82P.

DESCRIPTORS - *AGRIBUSINESS; *AGRICULTURAL EDUCATION; *OFF FARM AGRICULTURAL OCCUPATIONS; *WORK EXPERIENCE PROGRAMS; *PROGRAM GUIDES; SCHOOL INDUSTRY RELATIONSHIP

ABSTRACT - THE PURPOSE OF THIS REPORT IS TO PRESENT THOSE AREAS OF IMPORTANCE IN ESTABLISHING AND CONDUCTING THE AGRICULTURAL BUSINESS OPTION IN AGRICULTURAL EDUCATION. STEPS IN DEVELOPING THE PROGRAM AND THE USE OF CLASSROOM AND WORK EXPERIENCE PROGRAMS ARE OUTLINED. DIRECTED WORK EXPERIENCE PROGRAMS ARE PRIMARILY TO PREPARE STUDENTS FOR CAREERS IN OFF-FARM AGRICULTURAL OCCUPATIONS. SELECTION OF TRAINING CENTERS, I. E., EMPLOYERS, FOR THESE PROGRAMS AND THE UNDERSTANDING OF THE LEGAL ASPECTS OF SUCH PROGRAMS ARE DETAILED IN THE REPORT. APPENDED ARE 14 FORMS PREPARED FOR USE IN THE AGRICULTURAL BUSINESS PROGRAM. (MF)

VT 100 414
THAMES, CHARLIE, AND OTHERS
A GUIDE FOR TEACHING FORESTRY.

MISSISSIPPI STATE UNIV., STATE COLLEGE. CURRICULUM COORDINATING UNIT.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURE-PUB-1010
CURRICULUM COORDINATING UNIT, MISSISSIPPI STATE UNIVERSITY, P.O. DRAWER DX, MISSISSIPPI STATE, MS 39762 ($1.00)
PUB DATE - 72 29P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *CURRICULUM GUIDES; *FORESTRY; *TEACHING GUIDES; GUIDES; INSTRUCTIONAL MATERIALS; VOCATIONAL EDUCATION

ABSTRACT - THIS PUBLICATION WAS

DEVELOPED TO AID TEACHERS OF AGRICULTURE IN PROVIDING APPROPRIATE INSTRUCTION IN THE AREA OF FORESTRY. TO FACILITATE THIS, THE FOLLOWING ITEMS ARE INCLUDED IN THE CONTENTS: (1) AN OUTLINE OF SUGGESTED INSTRUCTIONAL CONTENT, (2) A LIST OF SUGGESTED LEARNING ACTIVITIES, AND (3) A LIST OF SUGGESTED REFERENCES. (SN)

VT 100 415
EICHELBERGER, A.E., AND OTHERS
A GUIDE FOR PLANNING INSTRUCTION FOR ADULTS IN AGRICULTURAL EDUCATION.

MISSISSIPPI STATE UNIV., STATE COLLEGE. CURRICULUM COORDINATING UNIT.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURE-PUB-1002
CURRICULUM COORDINATING UNIT, MISSISSIPPI STATE UNIVERSITY, P.O. DRAWER DX, MISSISSIPPI STATE, MS 39762 ($1.00)
PUB DATE - 72 16P.

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION; *AGRICULTURAL EDUCATION; *CURRICULUM DEVELOPMENT; *GUIDES; *PROGRAM PLANNING; ADULT PROGRAMS; INSTRUCTIONAL DESIGN; PROGRAM DEVELOPMENT

ABSTRACT - THIS PUBLICATION WAS DEVELOPED TO FACILITATE THE PLANNING OF INSTRUCTION IN AGRICULTURAL EDUCATION. IN AN EFFORT TO DO THIS, THE FOLLOWING INFORMATIONAL TOPICS ARE PROVIDED: (1) GENERAL INFORMATION FOR PLANNING INSTRUCTION FOR ADULTS IN AGRICULTURAL EDUCATION, (2) AREAS OF PRIORITY FOR INSTRUCTION, (3) OBJECTIVES FOR ADULT PROGRAM, AND (4) UNITS AND RECORDS OF ADULT INSTRUCTION. (SN)

VT 100 416
EICHELBERGER, A.E., AND OTHERS
A GUIDE FOR PLANNING PROGRAMS IN AGRICULTURAL EDUCATION.

MISSISSIPPI STATE UNIV., STATE COLLEGE. CURRICULUM COORDINATING UNIT.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURE-PUB-1000
CURRICULUM COORDINATING UNIT, MISSISSIPPI STATE UNIVERSITY, P.O. DRAWER DX, MISSISSIPPI STATE, MS 39762 ($1.00)
PUB DATE - 72 18P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *GUIDES; *PROGRAM DEVELOPMENT; *PROGRAM PLANNING; VOCATIONAL EDUCATION

ABSTRACT - THIS PLANNING GUIDE WAS DEVELOPED TO ASSIST THOSE TEACHERS WHO ARE INTERESTED AND/OR ENGAGED IN SETTING UP AGRICULTURAL EDUCATION PROGRAMS IN THEIR SCHOOLS. CONTENTS OF THE GUIDE INCLUDE: (1) GENERAL INFORMATION FOR PLANNING AN AGRICULTURAL EDUCATION PROGRAM, (2) A SECTION FOR ENTERING THE NAMES OF ADVISORY COMMITTEE MEMBERS, AND (3) BASIC INFORMATION FOR PLANNING AN AGRICULTURAL EDUCATION PROGRAM. (SN)

VT 100 417
FARM EQUIPMENT SAFETY TEACHING KIT.

INTERNATIONAL HARVESTER CO., CHICAGO, ILL.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 69P.

DESCRIPTORS - *AGRICULTURAL SAFETY; *INSTRUCTIONAL MATERIALS; *MASTER PLANS; *SAFETY EDUCATION; AGRICULTURAL ENGINEERING; AGRICULTURAL MACHINERY; INSTRUCTIONAL AIDS; PROGRAMED INSTRUCTION; TEACHING GUIDES

ABSTRACT - THIS KIT WAS DEVELOPED TO GUIDE TEACHERS IN THE INSTRUCTION OF PROPER AND SAFE HANDLING OF FARM MACHINERY SO AS TO AID IN THE CURTAILMENT OF THE NUMBER OF FARM-RELATED ACCIDENTS WHICH OCCUR EACH YEAR. THE KIT CONTAINS FIVE UNITS, EACH DESIGNED TO CONCENTRATE ON SPECIFIC AREAS OF FARM EQUIPMENT AND SAFETY. MAJOR AREAS WITH WHICH THE UNITS DEAL

INCLUDE: (1) GENERAL TRACTOR SAFETY, (2) AUGER AND CHAIN DRIVE SAFETY, (3) SAFETY PROBLEMS INVOLVED WITH FORAGE HARVEST MACHINES, (4) GRAIN AND COTTON HARVEST SAFETY, AND (5) GRAIN HANDLING PROBLEMS. TO BETTER FACILITATE INSTRUCTION, A SERIES OF QUESTIONS, PROBLEMS, CLASS ACTIVITIES, TRANSPARENCY MASTERS, AND REFERENCE MATERIALS ARE INCLUDED IN EACH UNIT. (SN)

VT 100 419
NEBRASKA CURRICULUM GUIDE FOR AGRIBUSINESS AND NATURAL RESOURCES OCCUPATIONS EDUCATION.

NEBRASKA STATE DEPT. OF EDUCATION, LINCOLN. DIV. OF VOCATIONAL EDUCATION; NEBRASKA UNIV., LINCOLN. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 139P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL OCCUPATIONS; *CURRICULUM GUIDES; AGRIBUSINESS; COURSE CONTENT; OCCUPATIONAL GUIDANCE; VOCATIONAL EDUCATION
IDENTIFIERS - *NEBRASKA

ABSTRACT - THIS CURRICULUM GUIDE WAS DEVELOPED FOR USE IN SECONDARY AGRICULTURAL-ORIENTED VOCATIONAL AND TECHNICAL EDUCATION PROGRAMS IN THE STATE OF NEBRASKA. THE MAJOR PURPOSE OF THE GUIDE IS TO FACILITATE THE INSTRUCTION OF PUPILS ENROLLED IN AGRIBUSINESS AND NATURAL RESOURCES OCCUPATIONS EDUCATION COURSES. INCLUDED ARE: (1) MAJOR PROGRAM OBJECTIVES, (2) A MODEL OF A TOTAL VOCATIONAL AGRICULTURE PROGRAM, AND (3) SPECIFICS ON HOW TO USE THE CURRICULUM IN THE TWELVE AREAS OUTLINED. TOPICS OF THE AREAS TO BE EXPLORED ARE: (1) AGRICULTURAL OCCUPATIONS, (2) ANIMAL SCIENCE, (3) CROP AND SOIL SCIENCE, (4) AGRICULTURAL MECHANICS, (5) AGRICULTURAL MARKETING AND MANAGEMENT, (6) SMALL ANIMALS AND PETS, (7) SUPERVISED EXPERIENCE PROGRAMS, (8) HORTICULTURE, (9) ECOLOGY, (10) COOPERATIVE EDUCATION PROGRAMS IN AGRICULTURAL OCCUPATIONS, (11) THE FUTURE FARMERS OF AMERICA, AND (12) CONTINUING EDUCATION. (SN)

VT 100 423
LEE, JASPER S., AND OTHERS
A GUIDE FOR TEACHING AGRICULTURAL SUPPLIES/SERVICES.

MISSISSIPPI STATE UNIV., STATE COLLEGE. CURRICULUM COORDINATING UNIT.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURE-PUB-1005
CURRICULUM COORDINATING UNIT, MISSISSIPPI STATE UNIVERSITY, P.O. DRAWER DX, MISSISSIPPI STATE, MS 39762 ($1.00)
PUB DATE - 72 37P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL SUPPLIES; *TEACHING GUIDES; COURSE CONTENT; VOCATIONAL EDUCATION

ABSTRACT - THIS PUBLICATION WAS DEVELOPED TO ASSIST TEACHERS OF AGRICULTURE IN PROVIDING APPROPRIATE INSTRUCTION IN AGRICULTURAL SUPPLIES AND SERVICES. TO FACILITATE THIS EFFORT, THE FOLLOWING CONTENTS ARE INCLUDED: (1) AN OUTLINE OF SUGGESTED INSTRUCTIONAL CONTENT, (2) A LIST OF SUGGESTED LEARNING ACTIVITIES FOR PUPILS, AND (3) A LIST OF SUGGESTED REFERENCES AND INSTRUCTIONAL RESOURCES. (AUTHOR/SN)

VT 100 424
THAMES, CHARLIE, AND OTHERS
A GUIDE FOR TEACHING AGRICULTURAL PRODUCTION.

MISSISSIPPI STATE UNIV., STATE COLLEGE. CURRICULUM COORDINATING UNIT.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURE-PUB-1004
CURRICULUM COORDINATING UNIT, MISSISSIPPI STATE UNIVERSITY, P.O. DRAWER DX, MISSISSIPPI STATE, MS

39762 ($1.00)
PUB DATE - 72 37P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL PRODUCTION; *CURRICULUM GUIDES; *TEACHING GUIDES; INSTRUCTIONAL MATERIALS; VOCATIONAL EDUCATION

ABSTRACT - THIS GUIDE WAS DEVELOPED TO ASSIST TEACHERS OF AGRICULTURAL PRODUCTION IN THEIR INSTRUCTIONAL EFFORTS. INCLUDED IN IT ARE: (1) A STATEMENT OF PURPOSE, (2) A LIST OF THE OBJECTIVES TO BE ACHIEVED, (3) AN EXPLANATION OF THE CODING SYSTEM USED FOR CLASSIFYING AGRICULTURAL PRODUCTION, (4) AN OUTLINE DENOTING THE INSTRUCTIONAL UNITS CONTAINED, AND (5) SUGGESTED RANGES OF TIME FOR INSTRUCTION. A LIST OF STUDENT ACTIVITIES AND SUGGESTED REFERENCES ARE GIVEN FOR EACH OF THE TOPICS PRESENTED. (SN)

VT 100 425
ROBBINS, B.B., AND OTHERS
A GUIDE FOR TEACHING BASIC AGRICULTURE.

MISSISSIPPI STATE UNIV., STATE COLLEGE. CURRICULUM COORDINATING UNIT.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURE-PUB-1003
CURRICULUM COORDINATING UNIT, MISSISSIPPI STATE UNIVERSITY, P.O. DRAWER DX, MISSISSIPPI STATE, MS 39762 ($1.00)
PUB DATE - 72 35P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURE; *CURRICULUM GUIDES; *TEACHING GUIDES; INSTRUCTIONAL MATERIALS; VOCATIONAL EDUCATION

ABSTRACT - THIS GUIDE WAS DEVELOPED TO AID IN THE FACILITATION OF INSTRUCTION IN BASIC AGRICULTURE. INCLUDED IN ITS CONTENTS ARE: (1) A STATEMENT OF PURPOSE, (2) A LIST OF THE OBJECTIVES TO BE ACCOMPLISHED, (3) A BRIEF EXPLANATION OF THE SYSTEM USED FOR CODING BASIC AGRICULTURE, (4) AN INSTRUCTIONAL OUTLINE DENOTING THE TEN TOPICS TO BE PRESENTED, AND (5) SUGGESTED RANGES OF TIME FOR INSTRUCTION. A LIST OF STUDENT ACTIVITIES AND SUGGESTED REFERENCES ARE GIVEN FOR EACH OF THE TOPICS PRESENTED. (SN)

VT 100 426
BROWN, RONALD A.
A GUIDE FOR TEACHING ORNAMENTAL HORTICULTURE.

MISSISSIPPI STATE UNIV., STATE COLLEGE. CURRICULUM COORDINATING UNIT.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURE-PUB-1008
CURRICULUM COORDINATING UNIT, MISSISSIPPI STATE UNIVERSITY, P.O. DRAWER DX, MISSISSIPPI STATE, MS 39762 ($1.00)
PUB DATE - 72 36P.

DESCRIPTORS - *FLORICULTURE; *HORTICULTURE; *ORNAMENTAL HORTICULTURE; *PLANT SCIENCE; *TEACHING GUIDES; AGRONOMY; VOCATIONAL AGRICULTURE

ABSTRACT - THE INSTRUCTION OUTLINED IN THIS GUIDE IS DESIGNED TO ASSIST IN THE TEACHING OF ORNAMENTAL HORTICULTURE. CONTENTS INCLUDE: (1) A STATEMENT OF PURPOSE, (2) A LIST OF THE GENERAL COURSE OBJECTIVES, (3) SUGGESTED RANGES OF TIME FOR INSTRUCTION, AND (4) A TOTAL OF 16 TOPICAL UNITS COVERING AREAS RANGING FROM OCCUPATIONAL OPPORTUNITIES IN ORNAMENTAL HORTICULTURE TO PLANT SCIENCE AND HOW TO SECURE AND MAINTAIN A JOB AND/OR BUSINESS IN THE FIELD. IN ADDITION, SUGGESTED LEARNING ACTIVITIES AND REFERENCES ARE GIVEN FOR EACH OF THE UNIT PRESENTED. (SN)

VT 100 427
BROWN, RONALD A., AND OTHERS
A GUIDE FOR TEACHING AGRICULTURAL MECHANICS.

MISSISSIPPI STATE UNIV., STATE COLLEGE. CURRICULUM COORDINATING UNIT.; MISSISSIPPI STATE DEPT. OF

EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURE-PUB-1006
CURRICULUM COORDINATING UNIT, MISSISSIPPI STATE UNIVERSITY, P.O. DRAWER DX, MISSISSIPPI STATE, MS 39762 ($1.00)
PUB DATE - 72 44P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL ENGINEERING; *AGRICULTURE; *CURRICULUM GUIDES; *TEACHING GUIDES; VOCATIONAL EDUCATION

ABSTRACT - THE INSTRUCTION OUTLINED IN THIS GUIDE IS DESIGNED TO DEVELOP A BROAD BASE OF COMPETENCIES IN ALL AREAS OF AGRICULTURAL MECHANICS. SO AS TO INCREASE ITS EFFECTIVENESS, IT IS SUGGESTED THAT THE GUIDE BE USED ALONG WITH THE BOOK, AGRICULTURAL MECHANICS INSTRUCTION IN SECONDARY SCHOOLS. IN ADDITION TO THE 16 TOPICS AND SUGGESTED LEARNING ACTIVITIES AND REFERENCES PRESENTED, ARE STATEMENTS OF PURPOSE AND OBJECTIVES AS WELL AS SUGGESTED RANGES OF TIME FOR INSTRUCTION. (AUTHOR/SN)

VT 100 428
ROBBINS, B.B., AND OTHERS
A GUIDE FOR TEACHING AGRICULTURAL RESOURCES.

MISSISSIPPI STATE UNIV., STATE COLLEGE. CURRICULUM COORDINATING UNIT.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGRICULTURE-PUB-1009
CURRICULUM COORDINATING UNIT, MISSISSIPPI STATE UNIVERSITY, P.O. DRAWER DX, MISSISSIPPI STATE, MS 39762 ($1.00)
PUB DATE - 72 35P.

DESCRIPTORS - *AGRICULTURE; *CONSERVATION EDUCATION; *NATURAL RESOURCES; *TEACHING GUIDES; *WILDLIFE MANAGEMENT; CURRICULUM GUIDES; FORESTRY; SOIL CONSERVATION

ABSTRACT - THIS GUIDE WAS DEVELOPED TO FACILITATE THE IMPROVEMENT OF INSTRUCTION IN THE AREA OF AGRICULTURAL RESOURCES AND THEIR MAINTENANCE. INCLUDED ARE SOME 16 TOPICAL UNITS AND SUGGESTED LEARNING ACTIVITIES AND REFERENCES FOR EACH AS WELL AS A STATEMENT OF PURPOSE, A LISTING OF THE OBJECTIVES TO BE ACCOMPLISHED, AND SUGGESTED RANGES OF TIME FOR INSTRUCTION. (SN)

VT 100 435
POWELL, G.G., JR.; WALKER, G.M.
AGRICULTURAL MECHANICS INSTRUCTION IN SECONDARY SCHOOLS IN MISSISSIPPI. THE LABORATORY-WORK AREA APPROACH.

MISSISSIPPI STATE UNIV., STATE COLLEGE. DEPT. OF AGRICULTURAL EDUCATION.; MISSISSIPPI STATE DEPT. OF EDUCATION, JACKSON. DIV. OF VOCATIONAL AND TECHNICAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
CURRICULUM COORDINATING UNIT, MISSISSIPPI STATE UNIVERSITY, P.O. DRAWER DX, MISSISSIPPI STATE, MS 39762 ($2.00)
PUB DATE - 73 54P. REVISED EDITION.

DESCRIPTORS - *AGRICULTURAL ENGINEERING; *EDUCATIONAL STRATEGIES; *INSTRUCTIONAL INNOVATION; *TRAINING LABORATORIES; *VOCATIONAL AGRICULTURE; GUIDES; INSTRUCTIONAL IMPROVEMENT; INSTRUCTIONAL TECHNOLOGY; LABORATORY EQUIPMENT; SECONDARY GRADES; TEACHING METHODS

ABSTRACT - THIS PUBLICATION PROVIDES INSTRUCTIONS FOR ORGANIZING LABORATORY WORK AREAS FOR USE IN THE TEACHING OF AGRICULTURAL MECHANICS. INSTRUCTIONAL AREAS FOR WHICH SUGGESTED TOOLS, EQUIPMENT, AND MATERIALS LISTS ARE PRESENTED INCLUDE: (1) FARM POWER AND MACHINERY, (2) FARM BUILDING AND STRUCTURES, (3) ELECTRICITY, (4) WELDING, (5) CONCRETE AND MASONRY, (6) PLUMBING, (7) METAL, AND (8) TOOL FITTING. AN APPENDIX LISTING THE STATE APPROVED TOOLS AND EQUIPMENT WITH SPECIFICATIONS FOR

VOCATIONAL AGRICULTURE DEPARTMENTS IN MISSISSIPPI IS GIVEN. (SN)

VT 100 618
STITT, THOMAS R.
AN ANNOTATED BIBLIOGRAPHY FOR ENVIRONMENTAL EDUCATORS.

SOUTHERN ILLINOIS UNIV., CARBONDALE. DEPT. OF AGRICULTURAL INDUSTRIES.
ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD.
MF AVAILABLE IN VT-ERIC SET.
SOUTHERN ILLINOIS UNIVERSITY, DEPT. OF AGRICULTURAL INDUSTRIES, CARBONDALE, ILL.
PUB DATE - 73 33P.

DESCRIPTORS - *BIBLIOGRAPHIES; *RESOURCE MATERIALS; *AGRICULTURAL EDUCATION; *ENVIRONMENTAL EDUCATION; OCCUPATIONAL CLUSTERS

ABSTRACT - DESIGNED TO SERVE AS RESOURCE MATERIALS FOR VOCATIONAL TEACHERS WHO ARE TEACHING IN ENVIRONMENTAL AREAS, THIS BIBLIOGRAPHY IS A COLLECTION OF BOOKS, ARTICLES, AND OTHER PUBLICATIONS. IT IS PRESENTED ACCORDING TO THE FOLLOWING OCCUPATIONAL CLUSTERS: (1) APPLIED BIOLOGICAL AND AGRICULTURAL OCCUPATIONS, (2) BUSINESS, MARKETING AND MANAGEMENT, (3) HEALTH OCCUPATIONS, (4) INDUSTRIAL OCCUPATIONS, AND (5) PERSONAL AND PUBLIC SERVICE OCCUPATIONS. EACH OF THESE CLUSTERS IS THEN ORGANIZED ACCORDING TO THE EPA DESIGNATED POLLUTION BRACKETS: GENERAL, AIR, WATER, PUBLIC WATER SUPPLY, LAND POLLUTION AND REFUSE DISPOSAL, NOISE, AND ATOMIC RADIATION. (AUTHOR/MU)

VT 100 619
STITT, THOMAS R.
AN ENVIRONMENTAL GLOSSARY FOR ENVIRONMENTAL EDUCATORS.

SOUTHERN ILLINOIS UNIV., CARBONDALE. DEPT. OF AGRICULTURAL INDUSTRIES.
ILLINOIS STATE BOARD OF VOCATIONAL EDUCATION AND REHABILITATION, SPRINGFIELD.
MF AVAILABLE IN VT-ERIC SET.
DEPT. OF AGRICULTURAL INDUSTRIES, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILL.
PUB DATE - 73 30P.

DESCRIPTORS - *ENVIRONMENTAL EDUCATION; *VOCATIONAL EDUCATION; *DEFINITIONS; *GLOSSARIES; *VOCABULARY

ABSTRACT - THIS LIST OF 307 NUMBERED TERMS HAS BEEN COMPILED TO SERVE AS RESOURCE MATERIALS FOR VOCATIONAL EDUCATION TEACHERS WHO ARE TEACHING IN ENVIRONMENTAL AREAS. INCLUDED IN THE DOCUMENT IS A LIST OF 14 OCCUPATIONAL DEFINITIONS. (MU)

VT 100 645
BINKLEY, HAROLD
STUDY-GUIDE FOR FERTILIZER AND CHEMICAL SALESMAN.

KENTUCKY UNIV., LEXINGTON. DEPT. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 58P.

DESCRIPTORS - AGRIBUSINESS; *AGRICULTURAL EDUCATION; *AGRICULTURAL SUPPLY OCCUPATIONS; *FERTILIZERS; *AGRICULTURAL CHEMICAL OCCUPATIONS; *MARKETING

ABSTRACT - THIS GUIDE FOR INDIVIDUAL STUDY ASSISTS THE AGRIBUSINESS WORKER WITH 19 SEPARATE LESSONS CONCERNING THE JOB OF SELLING FARM CHEMICALS. EACH LESSON CONTAINS A STATEMENT OF THE PROBLEM, THE GIVEN SITUATION, DIRECTIONS, CONTENT MATERIAL WITH REFERENCES FOR THE ASSIGNMENT, AND A STUDENT WORKSHEET. SOME OF THE LESSON TOPICS ARE: (1) THE IMPORTANCE OF FERTILIZERS IN MODERN FARMING, (2) HOW PLANTS USE VARIOUS PLANT NUTRIENTS, (3) HOW TO INTERPRET A SOIL TEST, (4) METHODS OF APPLYING FERTILIZER, AND (5) RECOMMENDATIONS FOR USING PESTICIDES. (MU)

VT 100 646
BINKLEY, HAROLD

STUDY-GUIDE FOR LANDSCAPE GARDENER.

KENTUCKY UNIV., LEXINGTON. DEPT. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 46P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *TURF MANAGEMENT; *LANDSCAPING; *ORNAMENTAL HORTICULTURE OCCUPATION; HORTICULTURE; *ORNAMENTAL HORTICULTURE

ABSTRACT - THIS GUIDE FOR INDIVIDUAL STUDY FOR A LANDSCAPE GARDENER LISTS 18 SEPARATE LESSONS CONCERNING THE JOB. EACH LESSON CONTAINS A STATEMENT OF THE PROBLEM, THE GIVEN SITUATION, DIRECTIONS, CONTENT MATERIAL WITH REFERENCES FOR THE ASSIGNMENT, AND A STUDENT WORKSHEET. SOME OF THE LESSON TOPICS ARE: (1) PRINCIPLES OF LANDSCAPE DESIGN, (2) TRANSPLANTING TREES AND SHRUBS, (3) SOIL MANAGEMENT OF THE LANDSCAPE, (4) HOW TO USE GARDENING EQUIPMENT, (5) PLANT DISEASES AND THEIR CONTROL, AND (6) TURF MANAGEMENT. (MU)

VT 100 647
NICOL, ROGER C.; HUDSON, WILLIAM E.
UNIT BUDGETS FOR MAJOR CROP AND LIVESTOCK ENTERPRISES.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 810
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 72 62P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *FARM ACCOUNTS; *BUDGETING; *BUDGETS; FARM MANAGEMENT; INSTRUCTIONAL MATERIALS; LIVESTOCK; FIELD CROPS; *VOCATIONAL AGRICULTURE

ABSTRACT - THIS PUBLICATION PROVIDES VOCATIONAL AGRICULTURE TEACHERS WITH A QUICK SOURCE OF UNIT BUDGET INFORMATION IN ORDER THAT THEY MAY HELP HIGH SCHOOL STUDENTS AND FARMERS REALIZE THE NEED FOR AND THE VALUE OF MORE DETAILED COST ACCOUNTING FOR THE MAJOR LIVESTOCK AND CROP ENTERPRISES COMBINED IN THEIR FARM BUSINESSES. CONTENTS INCLUDE TEN MAJOR CROP ENTERPRISE BUDGETS AND FOUR MAJOR LIVESTOCK ENTERPRISE BUDGETS. EACH INCLUDES THE UNIT OF PRODUCTION USED, THE LEVEL OF PRODUCTION, AND ITEMIZED COSTS AND RETURNS. (AUTHOR/MU)

VT 100 648
LINTNER, J. H.
STUDENTS LOOK AT COOPERATIVES IN THEIR DAILY LIVES. SERIES ON COOPERATION IN A FREE ENTERPRISE SOCIETY WITH EMPHASIS ON THE COOPERATIVE WAY OF DOING BUSINESS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MARTHA HOLDEN JENNINGS FOUNDATION, CLEVELAND, OHIO.; OHIO COUNCIL OF FARMER COOPERATIVES.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 836, UNIT I
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 28P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *UNITS OF STUDY (SUBJECT FIELDS); *COOPERATIVES; MARKETING; MANAGEMENT; MANUALS; *INDIVIDUAL STUDY

ABSTRACT - THIS STUDENT MANUAL, PROVIDING A UNIT OF STUDY ON COOPERATIVES, CAN BE USED FOR INDIVIDUAL STUDY IN AGRICULTURAL EDUCATION CLASSES AT THE SECONDARY LEVEL OR IN YOUNG FARMER EDUCATION CLASSES. MATERIAL COVERED CONSISTS OF THE FIRST UNIT OF A 10-PART SERIES AND INCLUDES A GENERAL DESCRIPTION OF COOPERATIVES AS ECONOMIC ORGANIZATIONS AND THEIR

DISTINGUISHING CHARACTERISTICS AND SUCCESSES. TEXTUAL CONTENT, ILLUSTRATIONS, SAMPLE FORMS, AND WORKSHEETS GIVE THE STUDENT MATERIALS FOR INDIVIDUAL STUDY. RELATED UNITS ARE AVAILABLE AS VT 100 649 THROUGH VT 100 657. (MU)

VT 100 649
LINTNER, J. H.
STUDENTS LOOK AT COOPERATIVES AS THEY MAY AFFECT THEIR LIVES TEN YEARS HENCE. SERIES ON COOPERATION IN A FREE ENTERPRISE SOCIETY WITH EMPHASIS ON THE COOPERATIVE WAY OF DOING BUSINESS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MARTHA HOLDEN JENNINGS FOUNDATION, CLEVELAND, OHIO.; OHIO COUNCIL OF FARMER COOPERATIVES.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 836, UNIT II
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 28P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *UNITS OF STUDY (SUBJECT FIELDS); *COOPERATIVES; MARKETING; MANAGEMENT; *FUTURES (OF SOCIETY); *INDIVIDUAL STUDY; MANUALS

ABSTRACT - THIS STUDENT MANUAL, PROVIDING A UNIT OF STUDY ON COOPERATIVES, CAN BE USED FOR INDIVIDUAL STUDY IN AGRICULTURAL EDUCATION CLASSES AT THE SECONDARY LEVEL OR IN YOUNG FARMER EDUCATION CLASSES. MATERIAL COVERED CONSISTS OF THE SECOND UNIT OF A 10-PART SERIES AND INCLUDES A CONSIDERATION OF THE FUTURE POSSIBILITIES OF COOPERATIVES IN RELATION TO THE STUDENTS' FUTURE NEEDS. TEXTUAL CONTENT, ILLUSTRATION, SAMPLE FORMS, AND WORKSHEETS GIVE THE STUDENT MATERIALS FOR INDIVIDUAL STUDY. RELATED UNITS ARE AVAILABLE AS VT 100 648 AND VT 100 650 THROUGH VT 100 657. (MU)

VT 100 650
LINTNER, J. H.
HOW ARE COOPERATIVES ORGANIZED? SERIES ON COOPERATION IN A FREE ENTERPRISE SOCIETY WITH EMPHASIS ON THE COOPERATIVE WAY OF DOING BUSINESS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MARTHA HOLDEN JENNINGS FOUNDATION, CLEVELAND, OHIO.; OHIO COUNCIL OF FARMER COOPERATIVES.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 836, UNIT III
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 24P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *UNITS OF STUDY (SUBJECT FIELDS); *COOPERATIVES; MARKETING; *MANAGEMENT; PLANNING; MANUALS; *INDIVIDUAL STUDY; ORGANIZATIONS (GROUPS)

ABSTRACT - THIS STUDENT MANUAL, PROVIDING A UNIT OF STUDY ON COOPERATIVES, CAN BE USED FOR INDIVIDUAL STUDY IN AGRICULTURAL EDUCATION CLASSES AT THE SECONDARY LEVEL OR IN YOUNG FARMER EDUCATION CLASSES. MATERIAL COVERED CONSISTS OF THE THIRD UNIT OF A 10-PART SERIES AND INCLUDES THE PLANNING AND ORGANIZING PROCEDURES CONCERNED WITH ESTABLISHING A COOPERATIVE AS A GOING CONCERN. TEXTUAL CONTENT, ILLUSTRATIONS, SAMPLE FORMS, AND WORKSHEETS GIVE THE STUDENT MATERIALS FOR INDIVIDUAL STUDY. RELATED UNITS ARE AVAILABLE AS VT 100 648 - VT 100 649 AND VT 100 651 - VT 100 657. (MU)

VT 100 651
LINTNER, J. H.
ARE ROCHDALE PRINCIPLES APPLICABLE IN TODAY'S COOPERATIVES? SERIES ON COOPERATION IN A FREE ENTERPRISE SOCIETY WITH EMPHASIS ON THE COOPERATIVE WAY OF DOING BUSINESS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MARTHA HOLDEN JENNINGS FOUNDATION, CLEVELAND, OHIO.; OHIO COUNCIL OF FARMER COOPERATIVES.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 836, UNIT IV
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 12P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *UNITS OF STUDY (SUBJECT FIELDS); *COOPERATIVES; MARKETING; MANAGEMENT; ADMINISTRATIVE PRINCIPLES; MANUALS; *INDIVIDUAL STUDY; *HISTORICAL REVIEWS
IDENTIFIERS - *ROCHDALE PRINCIPLES

ABSTRACT - THIS STUDENT MANUAL, PROVIDING A UNIT OF STUDY ON COOPERATIVES, CAN BE USED FOR INDIVIDUAL STUDY IN AGRICULTURAL EDUCATION CLASSES AT THE SECONDARY LEVEL OR IN YOUNG FARMER EDUCATION CLASSES. MATERIAL COVERED CONSISTS OF THE FOURTH UNIT OF A 10-PART SERIES AND INCLUDES A STUDY OF THE ORIGINAL PRINCIPLES GOVERNING COOPERATIVES AS EXPRESSED IN THE ROCHDALE SOCIETY IN 1844. TEXTUAL CONTENT, ILLUSTRATIONS, SAMPLE FORMS, AND WORKSHEETS GIVE THE STUDENT MATERIALS FOR INDIVIDUAL STUDY. RELATED UNITS ARE AVAILABLE AS VT 100 648 - VT 100 650 AND VT 100 652 - VT 100 657. (MU)

VT 100 652
LINTNER, J. H.
WHAT ARE COOPERATIVE MEMBERS' RESPONSIBILITIES? SERIES ON COOPERATION IN A FREE ENTERPRISE SOCIETY WITH EMPHASIS ON THE COOPERATIVE WAY OF DOING BUSINESS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MARTHA HOLDEN JENNINGS FOUNDATION, CLEVELAND, OHIO.; OHIO COUNCIL OF FARMER COOPERATIVES.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 836, UNIT V
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 29P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *UNITS OF STUDY (SUBJECT FIELDS); *COOPERATIVES; MARKETING; MANAGEMENT; MANUALS; *INDIVIDUAL STUDY; *GROUP MEMBERSHIP

ABSTRACT - THIS STUDENT MANUAL, PROVIDING A UNIT OF STUDY ON COOPERATIVES, CAN BE USED FOR INDIVIDUAL STUDY IN AGRICULTURAL EDUCATION CLASSES AT THE SECONDARY LEVEL OR IN YOUNG FARMER EDUCATION CLASSES. MATERIAL COVERED CONSISTS OF THE FIFTH UNIT OF A 10-PART SERIES AND INCLUDES A CONSIDERATION OF THE MEMBERSHIP QUALIFICATIONS, RESPONSIBILITIES, AND OBLIGATIONS OF JOINING A COOPERATIVE. TEXTUAL CONTENT, ILLUSTRATIONS, SAMPLE FORMS, AND WORKSHEETS GIVE THE STUDENT MATERIALS FOR INDIVIDUAL STUDY. RELATED UNITS ARE AVAILABLE AS VT 100 648 - VT 100 651 AND VT 100 653 - VT 100 657. (MU)

VT 100 653
LINTNER, J. H.
SHOULD I SERVE AS A DIRECTOR OR OFFICER OF A COOPERATIVE? SERIES ON COOPERATION IN A FREE ENTERPRISE SOCIETY WITH EMPHASIS ON THE COOPERATIVE WAY OF DOING BUSINESS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MARTHA HOLDEN JENNINGS FOUNDATION, CLEVELAND, OHIO.; OHIO COUNCIL OF FARMER COOPERATIVES.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 836, UNIT VI
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 31P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *UNITS OF STUDY (SUBJECT FIELDS); *COOPERATIVES; MARKETING; MANAGEMENT; *GOVERNING BOARDS; ROLE PERCEPTION; MANUALS; *INDIVIDUAL STUDY

ABSTRACT - THIS STUDENT MANUAL, PROVIDING A UNIT OF STUDY ON COOPERATIVES, CAN BE USED FOR INDIVIDUAL STUDY IN AGRICULTURAL EDUCATION CLASSES AT THE SECONDARY LEVEL OR IN YOUNG FARMER EDUCATION CLASSES. MATERIAL COVERED CONSISTS OF THE SIXTH UNIT OF A 10-PART SERIES AND INCLUDES A CONSIDERATION OF THE RESPONSIBILITIES, QUALIFICATIONS, AND FUNCTIONS OF MEMBERSHIP ON THE BOARD OF DIRECTORS OF A COOPERATIVE. TEXTUAL CONTENT, ILLUSTRATIONS, SAMPLE FORMS, AND WORKSHEETS GIVE THE STUDENT MATERIALS FOR INDIVIDUAL STUDY. RELATED UNITS ARE AVAILABLE AS VT 100 648 - VT 100 652 AND VT 100 654 - VT 100 657. (MU)

VT 100 654
LINTNER, J. H.
MANAGER'S ROLE AND RESPONSIBILITY IN A SUCCESSFUL COOPERATIVE. SERIES ON COOPERATION IN A FREE ENTERPRISE SOCIETY WITH EMPHASIS ON THE COOPERATIVE WAY OF DOING BUSINESS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MARTHA HOLDEN JENNINGS FOUNDATION, CLEVELAND, OHIO.; OHIO COUNCIL OF FARMER COOPERATIVES.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 836, UNIT VII
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 16P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *UNITS OF STUDY (SUBJECT FIELDS); *COOPERATIVES; MARKETING; *MANAGEMENT; MANUALS; *INDIVIDUAL STUDY; MANAGERIAL OCCUPATIONS

ABSTRACT - THIS STUDENT MANUAL, PROVIDING A UNIT OF STUDY ON COOPERATIVES, CAN BE USED FOR INDIVIDUAL STUDY IN AGRICULTURAL EDUCATION CLASSES AT THE SECONDARY LEVEL OR IN YOUNG FARMER EDUCATION CLASSES. MATERIAL COVERED CONSISTS OF THE SEVENTH UNIT OF A 10-PART SERIES AND INCLUDES GROUP ORGANIZATION AND RELATIONSHIPS AND THE QUALIFICATIONS, CONTRACTUAL AGREEMENTS, AND TRAINING OF AN EFFECTIVE MANAGER OF A COOPERATIVE. TEXTUAL CONTENT, ILLUSTRATIONS, SAMPLE FORMS, AND WORKSHEETS GIVE THE STUDENT MATERIALS FOR INDIVIDUAL STUDY. RELATED UNITS ARE AVAILABLE AS VT 100 648 - VT 100 653 AND VT 100 655 - VT 100 657. (MU)

VT 100 655
LINTNER, J. H.
LEGAL BASIS FOR COOPERATIVES. SERIES ON COOPERATION IN A FREE ENTERPRISE SOCIETY WITH EMPHASIS ON THE COOPERATIVE WAY OF DOING BUSINESS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MARTHA HOLDEN JENNINGS FOUNDATION, CLEVELAND, OHIO.; OHIO COUNCIL OF FARMER COOPERATIVES.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 836, UNIT VIII
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 37P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *UNITS OF STUDY (SUBJECT FIELDS); *COOPERATIVES; MARKETING; MANAGEMENT; *INDIVIDUAL STUDY; *LEGISLATION; MANUALS; LAWS

ABSTRACT - THIS STUDENT MANUAL, PROVIDING A UNIT OF STUDY ON COOPERATIVES, CAN BE USED FOR INDIVIDUAL STUDY IN AGRICULTURAL EDUCATION CLASSES AT THE SECONDARY LEVEL OR IN YOUNG FARMER EDUCATION CLASSES. MATERIAL COVERED CONSISTS OF THE EIGHTH UNIT OF A 10-PART

SERIES AND INCLUDES THE NEED FOR, DEVELOPMENT OF, AND USE OF FEDERAL AND STATE LAWS IN THE OPERATION OF COOPERATIVES. TEXTUAL CONTENT, ILLUSTRATIONS, SAMPLE FORMS, AND WORKSHEETS GIVE THE STUDENT MATERIALS FOR INDIVIDUAL STUDY. RELATED UNITS ARE AVAILABLE AS VT 100 648 - VT 100 654 AND VT 100 656 - VT 100 657. (MU)

VT 100 656
LINTNER, J. H.
HOW SHOULD COOPERATIVES BE TAXED? SERIES ON COOPERATION IN A FREE ENTERPRISE SOCIETY WITH EMPHASIS ON THE COOPERATIVE WAY OF DOING BUSINESS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MARTHA HOLDEN JENNINGS FOUNDATION, CLEVELAND, OHIO.; OHIO COUNCIL OF FARMER COOPERATIVES.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 836, UNIT IX
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 21P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *UNITS OF STUDY (SUBJECT FIELDS); *COOPERATIVES; MARKETING; MANAGEMENT; *TAXES; MANUALS; *INDIVIDUAL STUDY

ABSTRACT - THIS STUDENT MANUAL, PROVIDING A UNIT OF STUDY ON COOPERATIVES, CAN BE USED FOR INDIVIDUAL STUDY IN AGRICULTURAL EDUCATION CLASSES AT THE SECONDARY LEVEL OR IN YOUNG FARMER EDUCATION CLASSES. MATERIAL COVERED CONSISTS OF THE NINTH UNIT OF A 10-PART SERIES AND INCLUDES PLANNING FOR THE TAX LIABILITY OF A COOPERATIVE, INFLUENCING LEGISLATION IN TAXING COOPERATIVES, AND EVALUATING THE USEFULNESS OF COOPERATIVES AS BIG BUSINESSES. TEXTUAL CONTENT, ILLUSTRATIONS, SAMPLE FORMS, AND WORKSHEETS GIVE THE STUDENT MATERIALS FOR INDIVIDUAL STUDY. RELATED UNITS ARE AVAILABLE AS VT 100 648 - VT 100 655 AND VT 100 657. (MU)

VT 100 657
LINTNER, J. H.
DISCOVERING PROBLEMS IN COOPERATIVE OPERATIONS AND TAKING APPROPRIATE ACTION. SERIES ON COOPERATION IN A FREE ENTERPRISE SOCIETY WITH EMPHASIS ON THE COOPERATIVE WAY OF DOING BUSINESS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MARTHA HOLDEN JENNINGS FOUNDATION, CLEVELAND, OHIO.; OHIO COUNCIL OF FARMER COOPERATIVES.
MF AVAILABLE IN VT-ERIC SET.
UNIT X AGDEX 836
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 20P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *UNITS OF STUDY (SUBJECT FIELDS); *COOPERATIVES; MARKETING; MANAGEMENT; *INDIVIDUAL STUDY; MANUALS; *ADMINISTRATIVE PROBLEMS

ABSTRACT - THIS STUDENT MANUAL, PROVIDING A UNIT OF STUDY ON COOPERATIVES, CAN BE USED FOR INDIVIDUAL STUDY IN AGRICULTURAL EDUCATION CLASSES AT THE SECONDARY LEVEL OR IN YOUNG FARMER EDUCATION CLASSES. MATERIAL COVERED CONSISTS OF THE TENTH UNIT OF A 10-PART SERIES AND INCLUDES A CONSIDERATION OF SOME OF THE PROBLEMS ENCOUNTERED IN OPERATING A COOPERATIVE. TEXTUAL CONTENT, ILLUSTRATIONS, SAMPLE FORMS, AND WORKSHEETS GIVE THE STUDENT MATERIALS FOR INDIVIDUAL STUDY. RELATED UNITS ARE AVAILABLE AS VT 100 648 THROUGH VT 100 656. (MU)

VT 100 658
FRIDLINE, CLARENCE R.
INSECTICIDES. KINDS, FORMULATIONS, MIXING, AND APPLICATION.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 606
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 55P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; MANUALS; PUBLICATIONS; *VOCATIONAL AGRICULTURE; *INSECTICIDES; PESTICIDES; HERBICIDES; RODENTICIDES; *AGRICULTURAL SUPPLIES; *PLANT SCIENCE; SECONDARY GRADES

ABSTRACT - DESIGNED PRIMARILY FOR USE BY HIGH SCHOOL VOCATIONAL AGRICULTURE STUDENTS, THIS MANUAL CONTAINS INFORMATION ON INSECTICIDES AND THEIR USE. INCLUDED ARE EIGHT TOPICAL UNITS AND ACCOMPANYING STUDENT EXERCISES FOR USE IN FACILITATING FURTHER LEARNING OF PUPILS IN THE SPECIFIC AREAS OF STUDY OUTLINED. IN ORDER OF THEIR ENTRY IN THE MANUAL, TITLES OF THE UNITS ARE: (1) HOW INSECTICIDES DESTROY OR CONTROL INSECTS, (2) WHAT IS THE CHEMICAL NATURE OF INSECTICIDES, (3) WHAT ARE THE DIFFERENT INSECTICIDE FORMULATIONS, (4) THE INSECTICIDE LABEL, (5) LEGISLATION ON INSECTICIDE USE, (6) APPLYING INSECTICIDES, (7) SAFETY IN USING INSECTICIDES, AND (7) COMMON TERMS USED IN INSECTICIDE WORK. (SN)

VT 100 659
FRIDLINE, CLARENCE R.
SOME IDENTIFYING CHARACTERISTICS OF 60 CROP AND WEED SEEDS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 100/40
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 72 22P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; MANUALS; *VOCATIONAL AGRICULTURE; *AGRONOMY; PLANT IDENTIFICATION; PLANT SCIENCE; *WEEDS
IDENTIFIERS - *SEED IDENTIFICATION

ABSTRACT - PREPARED PRIMARILY AS A STUDY REFERENCE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE STUDENTS, THIS PUBLICATION PROVIDES INFORMATION ON THE IDENTIFYING FEATURES OF SOME 60 CROP AND WEED SEEDS. AS AN ADDED AID FOR FACILITATING STUDENT LEARNING IN THE AREA, A STUDENT EXERCISE IS PROVIDED FOR THE PURPOSE OF HELPING PUPILS TO ORGANIZE THE CONCEPTS AND IDENTIFICATION FEATURES PRESENTED FOR EACH SEED AS IS A GLOSSARY OF TERMS. SPECIFIC TYPES OF SEEDS FOR WHICH INFORMATION IS GIVEN INCLUDE: (1) GRAIN CROP SEEDS, (2) FORAGE CROP SEEDS, (3) GRASS CROP SEEDS, (4) NOXIOUS WEED SEEDS, AND (5) COMMON WEED SEEDS. (AUTHOR/SN)

VT 100 660
BARNES, HERBERT W.
INSIDE STORY OF MADAM BROOD SOW.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 440/22
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 72 7P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *SLIDES; COLOR PRESENTATION; *LIVESTOCK; *ANIMAL SCIENCE; BIOLOGY; *AGRICULTURAL PRODUCTION

ABSTRACT - THIS PAMPHLET CONTAINS THE NARRATIVE THAT ACCOMPANIES A COLOR SLIDE SERIES, "THE INSIDE STORY OF MADAME BROOD SOW." EACH

SLIDE IS REPRODUCED IN A COLUMN TO THE LEFT OF THE PARAGRAPH DESCRIBING IT. SLIDES DEAL WITH A PICTORIAL ACCOUNT OF WHAT HAPPENS IN THE BROOD SOW DURING THE GESTATION PERIOD. THE SLIDE SERIES SHOULD BE USED WITH THE LIVESTOCK BREEDING STUDENT REFERENCE BOOK AND TRANSPARENCY SERIES DEVELOPED BY ROGER ROEDIGER. SLIDES AND THE REFERENCES ARE AVAILABLE FROM THE AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210. (MU)

VT 100 661
FRIDLINE, CLARENCE R.; BONE, SAMUEL W.
TILLAGE SYSTEMS FOR CORN.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 111/510
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 72 12P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *SLIDES; COLOR PRESENTATION; *AGRICULTURAL PRODUCTION; *AGRONOMY; *CORN (FIELD CROP)
IDENTIFIERS - *OHIO

ABSTRACT - THIS PAMPHLET CONTAINS THE NARRATIVE THAT ACCOMPANIES A COLOR SLIDE SERIES, "TILLAGE SYSTEMS FOR CORN." EACH SLIDE IS REPRODUCED IN A COLUMN TO THE LEFT OF THE PARAGRAPH DESCRIBING IT. SLIDES DEAL WITH THE FOLLOWING AREAS OF INFORMATION: (1) THE PURPOSE OF TILLAGE, (2) SOIL PROPERTIES, (3) THE WATER CYCLE, (4) OHIO SOILS, AND (5) COULTERS AND NO-TILLAGE PLANTERS. SLIDES ARE AVAILABLE FROM THE AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210. (MU)

VT 100 662
MILLER, ROBERT W.
LAWN CARE AND MANAGEMENT.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 273
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 72 15P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *SLIDES; COLOR PRESENTATION; *TURF MANAGEMENT; LANDSCAPING; *GROUNDS KEEPERS

ABSTRACT - THIS PAMPHLET CONTAINS THE NARRATIVE THAT ACCOMPANIES A COLOR SLIDE SERIES, "CARE AND MANAGEMENT OF LAWNS." EACH SLIDE IS REPRODUCED IN A COLUMN TO THE LEFT OF THE PARAGRAPH DESCRIBING IT. SLIDES DEAL WITH THE FOLLOWING AREAS OF LAWN MANAGEMENT: (1) SEED SELECTION, (2) SEEDING, (3) FERTILIZING, (4) MOWING, (5) WEED CONTROL, (6) DISEASE CONTROL, AND (7) WATERING AND THATCH CONTROL. SLIDES ARE AVAILABLE FROM THE AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210. (MU)

VT 100 663
LUCAL, KARLE
FLOWERING SHRUBS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 276
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 72 15P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *SLIDES; COLOR PRESENTATION; *ORNAMENTAL HORTICULTURE; PLANT IDENTIFICATION; *FLORICULTURE

ABSTRACT - THIS PAMPHLET CONTAINS THE NARRATIVE THAT ACCOMPANIES A COLOR SLIDE SERIES, "FLOWERING SHRUBS." EACH SLIDE IS REPRODUCED IN A COLUMN TO THE LEFT OF THE PARAGRAPH DESCRIBING IT. SLIDES DEAL WITH THE FOLLOWING AREAS OF ORNAMENTAL HORTICULTURE: (1) IDENTIFICATION OF SHRUBS, (2) VARIETIES OF SHRUBS, (3) STRUCTURES OF PLANTS AND FLOWERS, AND (4) SEASONAL FLOWERING PERIODS FOR VARIOUS SHRUBS. SLIDES ARE AVAILABLE FROM THE AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210. (MU)

VT 100 664
LUCAL, KARLE
VIBURNUM.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 276
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 72 9P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *SLIDES; COLOR PRESENTATION; *FLORICULTURE; *ORNAMENTAL HORTICULTURE; LANDSCAPING

ABSTRACT - THIS PAMPHLET CONTAINS THE NARRATIVE THAT ACCOMPANIES A COLOR SLIDE SERIES, "VIBURNUM." EACH SLIDE IS REPRODUCED IN A COLUMN TO THE LEFT OF THE PARAGRAPH DESCRIBING IT. SLIDES DEAL WITH THE FOLLOWING AREAS OF INFORMATION ON THE FLORICULTURE OF VIBURNUM: (1) THE VIBURNUM SHRUB, (2) ITS CHARACTERISTICS, TYPES, AND SEASONAL CHANGES, AND (3) ITS USES IN LANDSCAPING. SLIDES ARE AVAILABLE FROM THE AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210. (MU)

VT 100 665
FRIDLINE, CLARENCE R.
INSECT PESTS OF FIELD CROPS AND STORED GRAINS.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 100/620
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 118P.

DESCRIPTORS - MANUALS; INSTRUCTIONAL MATERIALS; PUBLICATIONS; *ENTOMOLOGY; HORTICULTURE; *VOCATIONAL AGRICULTURE; PESTICIDES; INSECTICIDES; *FIELD CROPS; *GRAINS (FOOD)
IDENTIFIERS - *INSECT PESTS

ABSTRACT - THIS MANUAL PROVIDES STUDENTS WITH DESCRIPTIONS, IDENTIFICATION AIDS, SURVEY METHODS, AND CONTROL TECHNIQUES WHICH MAY BE USED WITH REGARD TO HARMFUL PLANT AND GRAIN INSECTS. SINCE THE PUBLICATION IS INTENDED MERELY AS A FACILITATOR OF INSTRUCTION IN THE AREA, THE INFORMATION PRESENTED MAY BE STUDIED IN A RANDOM OR SEQUENTIAL MANNER AS THE TEACHER DEEMS APPROPRIATE. SPECIFIC TOPICAL CONTENTS IN ORDER OF THEIR ENTRY BY SECTION INCLUDE: (1) USING SURVEY METHODS TO DETERMINE THE LEVEL OF INSECT POPULATIONS, (2) INSECT PESTS OF CORN, (3) INSECT PESTS OF SOYBEANS, (4) INSECT PESTS OF SMALL GRAINS, AND (5) INSECT PESTS OF FORAGES. IN ADDITION, STUDENT EXERCISES ARE PROVIDED AT THE END OF THE MANUAL. (SN)

VT 100 666
SHANNON, THEODORE P.
GETTING ALONG ON YOUR JOB.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 900/60 AWE 10
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 73 15P.

DESCRIPTORS - *WORK ATTITUDES; *ETHICAL VALUES; *PERSONAL VALUES; *VOCATIONAL EDUCATION; *SAFETY; ENTRY WORKERS

ABSTRACT - THIS NARRATIVE ACCOUNT OF TEN INCIDENCES IN VARIOUS JOB SITUATIONS PROVIDES THE STUDENT PREPARING FOR EMPLOYMENT WITH A VARIETY OF THOUGHT-PROVOKING QUESTIONS. THEY DEAL WITH BEHAVIOR, WORK ATTITUDES, PERSONAL HABITS, HONESTY, AND SAFETY PRACTICES ON THE JOB. EACH INCIDENT ENDS IN A SERIES OF QUESTIONS THAT SHOULD INITIATE SELF-QUESTIONING AND CLASSROOM DISCUSSION. (MU)

VT 100 667
SHANNON, THEODORE P.
BUILDING AN INSURANCE PROGRAM.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 900/12 AWE 9
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 72 28P.

DESCRIPTORS - *INSURANCE PROGRAMS; *HEALTH INSURANCE; *FIRE INSURANCE; *VOCATIONAL EDUCATION

ABSTRACT - BASIC FACTS ABOUT INSURANCE AND INSURANCE PROGRAMS ARE PROVIDED IN THIS SUPPLEMENTARY READING MATERIAL FOR THE HIGH SCHOOL STUDENT ABOUT TO GRADUATE. CONTENTS INCLUDE THE REASONS FOR INSURANCE AND INFORMATION ABOUT LIFE INSURANCE, CAR INSURANCE, PROPERTY AND LIABILITY INSURANCE, AND HEALTH INSURANCE. THEIR IMPORTANCE AND VALUE ARE DEMONSTRATED BY SUGGESTED SITUATIONS. SAMPLE INSURANCE FORMS AND A SHORT EXERCISE FOR USE IN TESTING STUDENT UNDERSTANDING ARE INCLUDED. (MU)

VT 100 671
HOOVER, NORMAN K.; ALLISON, RICHARD C.
OCCUPATIONAL INFORMATION IN AGRICULTURE: A SELECTED, ANNOTATED LIST OF CAREER BROCHURES, BULLETINS AND PAMPHLETS.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
THE PENNSYLVANIA STATE UNIVERSITY, COLLEGE OF AGRICULTURE, 102 ARMSBY BUILDING, UNIVERSITY PARK, PA. 16802
PUB DATE - 73 28P. TEACHER EDUCATION SERIES, VOLUME 14, NO. 3.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *PUBLICATIONS; VOCATIONAL EDUCATION; *AGRICULTURAL OCCUPATIONS; *CAREERS; OCCUPATIONS; *OCCUPATIONAL INFORMATION

ABSTRACT - CONTAINED IN THIS ANNOTATED BIBLIOGRAPHY ARE A LIST OF SOME 169 OCCUPATIONALLY-ORIENTED PAMPHLETS AND SUPPORTIVE LITERATURE WHICH ARE AVAILABLE TO TEACHERS, GUIDANCE COUNSELORS, AND LIBRARIANS IN THE AREA OF AGRICULTURE. SPECIFIC TOPICAL AREAS FOR WHICH REFERENCES ARE ENTERED INCLUDE: (1) AGRICULTURAL PRODUCTION, (2) AGRICULTURAL PROFESSIONS, AND (3) GENERAL AND MISCELLANEOUS. ADDRESSES OF PUBLISHERS FROM WHICH THE ANNOUNCED DOCUMENTS CAN BE OBTAINED ARE PROVIDED IN THE APPENDIX. (SN)

VT 100 674
OWEN, KENNETH L.
AGRICULTURAL MECHANICS PLANS FOR WASHINGTON.

WASHINGTON STATE UNIV., PULLMAN. DIV. OF AGRICULTURAL EDUCATION.
WASHINGTON STATE BOARD FOR VOCATIONAL EDUCATION, OLYMPIA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 116P.

DESCRIPTORS - *MECHANICAL SKILLS; *AGRICULTURAL EDUCATION; *INDUSTRIAL ARTS; *AGRICULTURAL ENGINEERING; *AGRICULTURAL RESEARCH PROJECTS; SECONDARY GRADES; ADULT EDUCATION; VISUAL AIDS; FARM MECHANICS (OCCUPATION); PROJECT TRAINING METHODS

ABSTRACT - THESE IDEAS FOR AGRICULTURAL MECHANICS CLASSES PROVIDE PLANS FOR CONSTRUCTING A NUMBER OF FUNCTIONAL PROJECTS. SKILLS AND PROJECTS SUITABLE FOR SECONDARY GRADES INCLUDE WELDING AND CARPENTRY THAT PRODUCE A HAY FORK, TOOL CARRIER, WINCH, FORKLIFT, POST DRIVER, A SAWHORSE, AND A TRACTOR CARRY-ALL AMONG MANY OTHERS. FOR ADULT PROGRAMS, PLANS ARE INCLUDED FOR CONSTRUCTING AN OXY-ACETYLENE CUTTING TABLE, A HEAVY DUTY WORK TABLE, AND A SHEET METAL TOOL BOX. THERE ARE PLANS FOR OVER 40 PROJECTS IN ALL. (MU)

VT 100 679
CAREER PREPARATION IN AGRICULTURAL RESOURCES. A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. TEST EDITION.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MATERIALS LAB. IN AGRICULTURAL EDUCATION.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. CURRICULUM CENTER FOR OCCUPATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 279P.

DESCRIPTORS - *CURRICULUM GUIDES; *VOCATIONAL AGRICULTURE; HIGH SCHOOL CURRICULUM; *AGRICULTURAL EDUCATION; *AGRICULTURAL OCCUPATIONS; OCCUPATIONAL CLUSTERS; LESSON PLANS

ABSTRACT - THE SCOPE OF THIS CURRICULUM GUIDE INCLUDES EIGHT OCCUPATIONAL SUBGROUPS WITHIN THE AGRICULTURAL RESOURCES AREA: FISH, FORESTRY, MINING AREA RESTORATION, OUTDOOR RECREATION, SOIL, RANGE, WATER, AND WILDLIFE. THE OCCUPATIONS CONSIDERED IN THESE SUBGROUPS ARE LIMITED TO THOSE ON THE CAREER LADDER FOR WHICH HIGH SCHOOL VOCATIONAL INSTRUCTION IS EITHER NECESSARY OR DESIRABLE. EACH UNIT OF INSTRUCTION IS ORGANIZED AROUND A GROUP OF STUDENT PERFORMANCE OBJECTIVES BASED ON THE COMPETENCIES OF ENTRY LEVEL SKILLED OCCUPATIONS IN AGRICULTURAL RESOURCES. EACH OF THE UNITS CONTAINS ELEMENTS FOR DEVELOPING SPECIFIC CURRICULUM AND CURRICULUM MATERIALS. AS THE GUIDE PROVIDES MORE INSTRUCTIONAL SEQUENCES THAN WOULD BE USED IN ANY ONE PROGRAM INVOLVING 2,000 HOURS, IT IS INTENDED THAT USERS WILL SELECT THE AREAS APPROPRIATE FOR THEIR STUDENTS' NEEDS. RECOMMENDED MATERIALS AND EQUIPMENT, SUGGESTED REFERENCES, AND A SELECTED LIST OF PROFESSIONAL AND TECHNICAL SOCIETIES CONCERNED WITH AGRICULTURAL RESOURCES ARE APPENDED. (MF)

VT 100 695
AGRICULTURE/NATURAL RESOURCES CLUSTER GUIDE. VOCATIONAL EDUCATION/SPECIAL EDUCATION PROJECT.

CENTRAL MICHIGAN UNIV., MOUNT PLEASANT.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; MICHIGAN STATE DEPT. OF EDUCATION, LANSING. VOCATIONAL EDUCATION AND CAREER DEVELOPMENT SERVICE.
DOCUMENT NOT AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 168P.

DESCRIPTORS - *TEACHING GUIDES; *VOCATIONAL EDUCATION; EXCEPTIONAL

STUDENTS; INSTRUCTIONAL UNITS; *AGRICULTURE; *AGRICULTURAL OCCUPATIONS; *ORNAMENTAL HORTICULTURE; DISADVANTAGED GROUPS; TASK ANALYSIS; FORESTRY; OCCUPATIONAL INFORMATION

ABSTRACT - THIS TEACHING GUIDE IS ONE OF A SERIES FOCUSING UPON THE PREPARATION OF PERSONS WITH SPECIAL EDUCATIONAL NEEDS. A TASK ANALYSIS DEFINES COMMON CLUSTERS OF TASKS IN THE FIELD OF AGRICULTURE AND NATURAL RESOURCES WHICH INCLUDES THE FOLLOWING SUBCLUSTERS: (1) AGRICULTURAL MECHANICS, (2) LANDSCAPING AND NURSERY, (3) GREENHOUSE AND FLORICULTURE, AND (4) FORESTRY AND RECREATION. EACH SUBCLUSTER PRESENTS A NUMBER OF TASKS, AND AN INSTRUCTIONAL UNIT SUPPLIES THE TEACHER WITH A MULTI-PART TEACHING GUIDE FOR EACH TASK. A TASK SHEET FOR EACH STUDENT CARRIES A PROGRESS REPORT AND CONTAINS SKILLS TO BE GAINED, INSTRUCTIONAL AND REFERENCE MATERIALS, LANGUAGE KNOWLEDGE REQUIRED FOR THE TASK, AND SUGGESTIONS FOR DISCUSSION WITH THE STUDENT CONCERNED. A BIBLIOGRAPHY IS KEYED TO THE TEACHING GUIDE AND AN APPENDIX CONTAINS CODES FOR INTERPRETING THE VARIOUS NUMBERS FOUND IN THE TASK SHEETS. (MU)

VT 100 802
URBANIC, CHARLES E.
GARDEN CENTER WORKER.

OHIO STATE DEPT. OF EDUCATION, COLUMBUS. AGRICULTURAL EDUCATION SERVICE.; OHIO STATE UNIV., COLUMBUS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX 951
AGRICULTURAL EDUCATION CURRICULUM MATERIALS SERVICE, THE OHIO STATE UNIVERSITY, ROOM 201, 2120 FYFFE ROAD, COLUMBUS, OHIO 43210
PUB DATE - 71 146P.

DESCRIPTORS - *INSTRUCTIONAL MATERIALS; *WORKBOOKS; TEXTBOOKS; *HORTICULTURE; *VOCATIONAL EDUCATION; MANUALS; *ORNAMENTAL HORTICULTURE; NURSERY WORKERS (HORTICULTURE)

ABSTRACT - THIS MANUAL WAS DEVELOPED TO ASSIST STUDENTS OF HORTICULTURE BY PROVIDING THEM WITH PRACTICAL SITUATIONS WHERE THEY CAN APPLY THE PRINCIPLES, THEORIES, AND KNOWLEDGE PRESENTED THEM IN FORMAL CLASSES. INTENDED TO BE USED AS A TEXT-WORKBOOK COMBINATION, THE PUBLICATION CONTAINS OBJECTIVES, CONCEPTS, GENERAL INFORMATION, AND STUDENT EXERCISES FOR EACH OF THE SIX UNITS INCLUDED. TITLES OF THOSE UNITS ARE: (1) INTRODUCTION TO THE GARDEN CENTER WORKER, (2) GARDEN CENTER BUSINESS PRACTICES, (3) IDENTIFICATION AND CHARACTERISTICS OF ORNAMENTAL PLANTS, (4) CARE OF PLANTS IN THE GARDEN CENTER, (5) CHEMICALS, AND (6) GARDEN SUPPLIES AND RELATED PRODUCTS. (SN)

VT 100 824
LAWSON, DOROTHY, AND OTHERS
CAREER AWARENESS IN AGRIBUSINESS, RENEWABLE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION: A CURRICULUM GUIDE FOR GRADES K-6. FIELD TESTING COPY.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MANAGEMENT LAB. IN AGRICULTURAL EDUCATION.; EASTERN ILLINOIS UNIV., CHARLESTON. CENTER FOR EDUCATIONAL STUDIES.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. CURRICULUM CENTER FOR OCCUPATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 263P.

DESCRIPTORS - *CURRICULUM GUIDES; *INTEGRATED CURRICULUM; *CAREER EDUCATION; VOCATIONAL DEVELOPMENT; *PRIMARY GRADES; *INTERMEDIATE GRADES; AGRIBUSINESS; NATURAL RESOURCES; ENVIRONMENT

ABSTRACT - THIS CURRICULUM GUIDE FOR GRADES K-6 PROVIDES THE PRIMARY AND INTERMEDIATE TEACHER WITH A REVIEW OF CAREER EDUCATION PHILOSOPHY AND A MEANS OF INTEGRATING CAREER EDUCATION

CONCEPTS INTO THE EXISTING CURRICULUM. VARIOUS METHODS AS ALTERNATIVES TO THE ONE USED HERE ARE CONSIDERED. SPECIFIC OCCUPATIONS ARE USED IN THIS GUIDE AROUND WHICH MODULES OF INSTRUCTION PRESENT MATERIAL FOR FOUR CAREER DEVELOPMENT CONCEPTS: COPING BEHAVIOR, LIFE STYLE, SELF DEVELOPMENT, AND DECISION MAKING. EIGHT LEARNING MODULES FOR THE PRIMARY GRADES AND EIGHT MODULES FOR THE INTERMEDIATE GRADES CONTAIN MATERIAL FOR TEACHING AWARENESS OF 16 OCCUPATIONS INCLUDING PARK RANGER, FLORIST, TRUCK FARMER, CHRISTMAS TREE FARMER, LIVESTOCK PRODUCER, AND GREENSKEEPER. A RELATED DOCUMENT FOR GRADES 7-9 IS AVAILABLE AS VT 100 826. (MU)

VT 100 825
MOORE, EDDIE A.
CAREER PREPARATION IN AGRICULTURAL PRODUCTS (FOOD PROCESSING). A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. TEST EDITION.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MANAGEMENT LAB. IN AGRICULTURAL EDUCATION.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. CURRICULUM CENTER FOR OCCUPATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 278P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; *CURRICULUM GUIDES; PROGRAM GUIDES; *OCCUPATIONAL INFORMATION; *FOOD PROCESSING OCCUPATIONS; DISTRIBUTIVE EDUCATION; MEAT PACKING INDUSTRY; AGRICULTURAL PRODUCTION; SECONDARY GRADES; FOOD; FOOD HANDLING FACILITIES; VOCATIONAL EDUCATION

ABSTRACT - THIS CURRICULUM GUIDE PROVIDES THE HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHER WITH OVER 35 UNITS OF INSTRUCTIONAL MATERIAL IN FOOD PROCESSING. EACH UNIT CONTAINS A PRINCIPAL CONCEPT, STUDENT PERFORMANCE OBJECTIVES, INSTRUCTIONAL CONTENT, EXAMPLES OF LEARNING ACTIVITIES, EVALUATION PROCESSES, MATERIALS OR EQUIPMENT, AND REFERENCES. AN INTRODUCTION SUPPLIES INFORMATION FOR THE PROGRAM PLANNER ON THE USE OF ADVISORY COMMITTEES, EMPLOYMENT OPPORTUNITIES IN FOOD PROCESSING, A DIRECTORY OF SCIENTIFIC, TECHNICAL, AND TRADE ASSOCIATIONS, AND A LIST OF EQUIPMENT AND FACILITY NEEDS FOR THE PROGRAM. CONTENTS INCLUDE THE FOLLOWING TOPICS: (1) GENERAL INFORMATION, (2) MEAT, FISH, POULTRY, (3) DAIRY PRODUCTS, AND (4) FRUITS AND VEGETABLES. (MU)

VT 100 826
LAWSON, DOROTHY, AND OTHERS
CAREER EXPLORATION IN AGRIBUSINESS, RENEWABLE NATURAL RESOURCES, AND ENVIRONMENTAL PROTECTION: A CURRICULUM GUIDE FOR GRADES 7-9. FIELD TESTING COPY.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MANAGEMENT LAB. IN AGRICULTURAL EDUCATION.; EASTERN ILLINOIS UNIV., CHARLESTON. CENTER FOR EDUCATIONAL STUDIES.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. CURRICULUM CENTER FOR OCCUPATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 273P.

DESCRIPTORS - *CURRICULUM GUIDES; *INTEGRATED CURRICULUM; *CAREER EDUCATION; *SECONDARY EDUCATION; *AGRICULTURAL PRODUCTION; AGRIBUSINESS; NATURAL RESOURCES; ENVIRONMENT

ABSTRACT - THIS CURRICULUM GUIDE FOR GRADES 7-9 PROVIDES THE JUNIOR HIGH SCHOOL TEACHER WITH A REVIEW OF CAREER EDUCATION PHILOSOPHY AND A MEANS OF INTEGRATING CAREER EDUCATION CONCEPTS INTO THE EXISTING CURRICULUM. OCCUPATIONAL AREAS ARE USED IN THIS GUIDE AROUND WHICH LEARNING MODULES PRESENT SIX CAREER DEVELOPMENT CONCEPTS: DECISION MAKING, CAREER

INFORMATION, EDUCATIONAL AWARENESS, ATTITUDES AND APPRECIATIONS, ECONOMIC AWARENESS, AND SKILL AWARENESS. LEARNING MODULES CONTAIN MATERIAL FOR EXPLORING THE FOLLOWING OCCUPATIONAL AREAS: AGRICULTURAL PRODUCTION, AGRICULTURAL SUPPLIES AND SERVICES, AGRICULTURAL EQUIPMENT AND MECHANICS, AGRICULTURAL PRODUCTS (FOOD PROCESSING), ORNAMENTAL HORTICULTURE, RENEWABLE NATURAL RESOURCES, AND ENVIRONMENTAL PROTECTION. A RELATED DOCUMENT FOR GRADES K-6 IS AVAILABLE AS VT 100 824. (MU)

VT 100 827
HOUSEHOLDER, LARRY; MOORE, EDDIE A.
CAREER PREPARATION IN FORESTRY: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. TEST EDITION.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MANAGEMENT LAB. IN AGRICULTURAL EDUCATION.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. CURRICULUM CENTER FOR OCCUPATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 186P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; *CURRICULUM GUIDES; PROGRAM GUIDES; OCCUPATIONAL INFORMATION; *FORESTRY; *FORESTRY OCCUPATIONS; FORESTRY AIDES; NATURAL RESOURCES; SECONDARY GRADES; VOCATIONAL EDUCATION; TREES

ABSTRACT - THIS CURRICULUM GUIDE PROVIDES THE HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHER WITH OVER 30 UNITS OF INSTRUCTIONAL MATERIAL IN FORESTRY. EACH UNIT CONTAINS A PRINCIPAL CONCEPT, STUDENT PERFORMANCE OBJECTIVES, INSTRUCTIONAL CONTENT, EXAMPLES OF LEARNING ACTIVITIES, EVALUATION PROCESSES, MATERIALS OR EQUIPMENT, AND REFERENCES. AN INTRODUCTION SUPPLIES INFORMATION FOR THE PROGRAM PLANNER ON THE USE OF ADVISORY COMMITTEES, EMPLOYMENT OPPORTUNITIES IN FORESTRY, A DIRECTORY OF SCIENTIFIC, TECHNICAL AND TRADE ASSOCIATIONS, AND A LIST OF EQUIPMENT AND FACILITY NEEDS FOR THE PROGRAM. CONTENTS INCLUDE THE FOLLOWING TOPICS: (1) GENERAL INFORMATION, (2) FOREST ESTABLISHMENT, (3) FOREST PROTECTION, (4) LOGGING, (5) WOOD UTILIZATION, AND (6) CHRISTMAS TREE PRODUCTION. (MU)

VT 100 828
YODER, EDGAR P.
CAREER PREPARATION IN AGRICULTURAL EQUIPMENT AND MECHANICS: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. TEST EDITION.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MANAGEMENT LAB. IN AGRICULTURAL EDUCATION.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. CURRICULUM CENTER FOR OCCUPATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 287P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; *CURRICULUM GUIDES; PROGRAM GUIDES; OCCUPATIONAL INFORMATION; *AGRICULTURAL ENGINEERING; AGRICULTURAL MACHINERY; *AGRICULTURAL MACHINERY OCCUPATIONS; FARM MECHANICS (OCCUPATION); SECONDARY GRADES; VOCATIONAL EDUCATION

ABSTRACT - THIS CURRICULUM GUIDE PROVIDES THE HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHER WITH OVER 40 UNITS OF INSTRUCTIONAL MATERIAL IN AGRICULTURAL EQUIPMENT AND MECHANICS. EACH UNIT CONTAINS A PRINCIPAL CONCEPT, STUDENT PERFORMANCE OBJECTIVES, INSTRUCTIONAL CONTENT, EXAMPLES OF LEARNING ACTIVITIES, EVALUATION PROCESSES, MATERIALS OR EQUIPMENT, AND REFERENCES. AN INTRODUCTION SUPPLIES INFORMATION FOR THE PROGRAM PLANNER ON THE USE OF

ADVISORY COMMITTEES, EMPLOYMENT OPPORTUNITIES IN AGRICULTURAL EQUIPMENT AND MECHANICS, A DIRECTORY OF SCIENTIFIC, TECHNICAL, AND TRADE ASSOCIATIONS, AND A LIST OF EQUIPMENT AND FACILITY NEEDS FOR THE PROGRAM. CONTENTS INCLUDE AGRICULTURAL POWER SERVICE AND REPAIR AND ASSEMBLY, ADJUSTMENT, REPAIR, AND SERVICE OF AGRICULTURAL EQUIPMENT. (MU)

VT 100 829
YODER, EDGAR P.
CAREER PREPARATION IN AGRICULTURAL SUPPLIES AND SERVICES: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. TEST EDITION.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MANAGEMENT LAB. IN AGRICULTURAL EDUCATION.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. CURRICULUM CENTER FOR OCCUPATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 218P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; *CURRICULUM GUIDES; PROGRAM GUIDES; OCCUPATIONAL INFORMATION; *AGRIBUSINESS; DISTRIBUTIVE EDUCATION; OFF FARM AGRICULTURAL OCCUPATIONS; *AGRICULTURAL SUPPLIES; FEED INDUSTRY; FERTILIZERS; SECONDARY GRADES; VOCATIONAL EDUCATION

ABSTRACT - THIS CURRICULUM GUIDE PROVIDES THE HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHER WITH OVER 30 UNITS OF INSTRUCTIONAL MATERIAL IN AGRICULTURAL SUPPLIES AND SERVICES. EACH UNIT CONTAINS A PRINCIPAL CONCEPT, STUDENT PERFORMANCE OBJECTIVES, INSTRUCTIONAL CONTENT, EXAMPLES OF LEARNING ACTIVITIES, EVALUATION PROCESSES, MATERIALS OR EQUIPMENT, AND REFERENCES. AN INTRODUCTION SUPPLIES INFORMATION FOR THE PROGRAM PLANNER ON THE USE OF ADVISORY COMMITTEES, EMPLOYMENT OPPORTUNITIES IN AGRICULTURAL SUPPLIES AND SERVICES, A DIRECTORY OF SCIENTIFIC, TECHNICAL, AND TRADE ASSOCIATIONS, AND A LIST OF EQUIPMENT AND FACILITY NEEDS FOR THE PROGRAM. CONTENTS INCLUDE THE FOLLOWING TOPICS: (1) GENERAL INFORMATION, (2) FEEDS, (3) FERTILIZERS, (4) SEEDS, AND (5) CHEMICALS. (MU)

VT 100 830
CAREER PREPARATION IN ENVIRONMENTAL PROTECTION: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MANAGEMENT LAB. IN AGRICULTURAL EDUCATION.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. CURRICULUM CENTER FOR OCCUPATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 339P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; *CURRICULUM GUIDES; PROGRAM GUIDES; *OCCUPATIONAL INFORMATION; *ENVIRONMENTAL EDUCATION; ENVIRONMENTAL TECHNICIANS; AIR POLLUTION CONTROL; WATER POLLUTION CONTROL; SECONDARY GRADES; VOCATIONAL EDUCATION

ABSTRACT - THIS CURRICULUM GUIDE PROVIDES THE HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHER WITH OVER 50 UNITS OF INSTRUCTIONAL MATERIAL IN ENVIRONMENTAL PROTECTION. EACH UNIT CONTAINS A PRINCIPAL CONCEPT, STUDENT PERFORMANCE OBJECTIVES, INSTRUCTIONAL CONTENT, EXAMPLES OF LEARNING ACTIVITIES, EVALUATION PROCESSES, MATERIALS OR EQUIPMENT, AND REFERENCES. AN INTRODUCTION SUPPLIES INFORMATION FOR THE PROGRAM PLANNER ON THE USE OF ADVISORY COMMITTEES, EMPLOYMENT OPPORTUNITIES IN ENVIRONMENTAL PROTECTION, A DIRECTORY OF SCIENTIFIC, TECHNICAL, AND TRADE ASSOCIATIONS, AND A LIST OF EQUIPMENT AND FACILITY NEEDS FOR THE PROGRAM. CONTENTS INCLUDE THE FOLLOWING TOPICS: (1) GENERAL INFORMATION, (2) WATER TREATMENT,

(3) WASTEWATER TREATMENT, AND (4) AIR POLLUTION CONTROL. (MU)

VT 100 831
CAREER PREPARATION IN ORNAMENTAL HORTICULTURE: A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. TEST EDITION.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MANAGEMENT LAB. IN AGRICULTURAL EDUCATION.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C. CURRICULUM CENTER FOR OCCUPATIONAL AND ADULT EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 268P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION; *CURRICULUM GUIDES; PROGRAM GUIDES; OCCUPATIONAL INFORMATION; *ORNAMENTAL HORTICULTURE; *ORNAMENTAL HORTICULTURE OCCUPATION; SECONDARY GRADES; AGRIBUSINESS; OFF FARM AGRICULTURAL OCCUPATIONS; VOCATIONAL EDUCATION

ABSTRACT - THIS CURRICULUM GUIDE PROVIDES THE HIGH SCHOOL VOCATIONAL AGRICULTURE TEACHER WITH OVER 35 UNITS OF INSTRUCTIONAL MATERIAL IN ORNAMENTAL HORTICULTURE. EACH UNIT CONTAINS A PRINCIPAL CONCEPT, STUDENT PERFORMANCE OBJECTIVES, INSTRUCTIONAL CONTENT, EXAMPLES OF LEARNING ACTIVITIES, EVALUATION PROCESSES, MATERIALS OR EQUIPMENT, AND REFERENCES. AN INTRODUCTION SUPPLIES INFORMATION FOR THE PROGRAM PLANNER ON THE USE OF ADVISORY COMMITTEES, EMPLOYMENT OPPORTUNITIES IN ORNAMENTAL HORTICULTURE, A DIRECTORY OF SCIENTIFIC, TECHNICAL, AND TRADE ASSOCIATIONS, AND A LIST OF EQUIPMENT AND FACILITY NEEDS FOR THE PROGRAM. CONTENTS INCLUDE THE FOLLOWING TOPICS: (1) GENERAL INFORMATION, (2) ARBORICULTURE, (3) FLORICULTURE, (4) LANDSCAPE MAINTENANCE, (5) NURSERY PRODUCTION, AND (6) TURFGRASS MAINTENANCE. (MU)

VT 100 838
HILL, RICHARD K., ED.
BEHAVIORAL OBJECTIVES FOR SELECTED AGRICULTURAL EDUCATION UNITS.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
HARRY L. SMITH, PUBLIC INFORMATION AND PUBLICATIONS, STATE DEPARTMENT OF EDUCATION, RICHMOND, VA 23216 ($2.00)
PUB DATE - ND 104P.

DESCRIPTORS - PUBLICATIONS; *VOCATIONAL EDUCATION; *PROGRAM EFFECTIVENESS; PROGRAM EVALUATION; EDUCATIONAL ASSESSMENT; EVALUATION CRITERIA; *BEHAVIORAL OBJECTIVES; *COURSE OBJECTIVES; *AGRICULTURAL EDUCATION

ABSTRACT - THIS DOCUMENT IS ONE IN A SERIES OF PUBLICATIONS OF THE VOCATIONAL EDUCATION PROJECT, THE OUTCOME OF AN EFFORT TO DEVELOP A MEANS OF ASSESSING THE EFFECTIVENESS OF LOCAL VOCATIONAL INSTRUCTIONAL PROGRAMS. THIS BOOKLET CONTAINS BEHAVIORAL OBJECTIVES ORGANIZED BY UNITS OF INSTRUCTION IN AGRICULTURAL EDUCATION. THE UNITS WERE DEVELOPED DURING WORKSHOPS CONDUCTED AT A UNIVERSITY IN VIRGINIA DURING THE SUMMER AND FALL OF 1972. INCLUDED IN THEM ARE SUBTOPICS FOR STUDY, A GOAL STATEMENT, AND GENERAL AND SPECIFIC OBJECTIVES. UNIT TOPICS ENTERED ARE: (1) ORIENTATION, GUIDANCE, RURAL, AND URBAN LIVING, (2) ANIMAL SCIENCE, (3) AGRICULTURAL MECHANICS, (4) SOIL AND FERTILIZERS, (5) AGRICULTURAL BUSINESS, AND (6) ORNAMENTAL HORTICULTURE. TO FACILITATE EASE IN USING THIS PUBLICATION AS WELL AS TO FOSTER THE SKILL DEVELOPMENT OF EDUCATORS IN DESIGNING UNITS OF THEIR OWN, DIRECTIONS ARE GIVEN. (AUTHOR/SN)

VT 100 851
LONG, MELVIN J.
SOILS AND FOUNDATIONS. A SYLLABUS.

UNION COUNTY TECHNICAL INST., SCOTCH PLAINS, N.J.
NEW JERSEY STATE DEPT. OF EDUCATION, TRENTON. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
NEW JERSEY VOCATIONAL-TECHNICAL CURRICULUM LABORATORY, BLDG. 4103-KILMER CAMPUS, RUTGERS UNIV., NEW BRUNSWICK, N.J. 08903 ($1.50)
PUB DATE - JAN74 46P.

DESCRIPTORS - *TECHNICAL EDUCATION; *ENGINEERING TECHNICIANS; *SOIL SCIENCE; *MASONRY; *CURRICULUM GUIDES; ENGINEERING EDUCATION

ABSTRACT - THIS SYLLABUS PRESENTS AN INSTRUCTOR'S TEACHING GUIDE AND COURSE OUTLINE FOR A 12-WEEK 1-QUARTER COURSE IN SOILS AND FOUNDATIONS FOR A 2-YEAR ASSOCIATE DEGREE CIVIL ENGINEERING TECHNOLOGY PROGRAM. IT IS PRESENTED AS A BASIC COURSE OF FUNDAMENTALS WITH OUTLINE FOR SEVEN LABORATORY EXPERIMENTS TO AFFORD THE STUDENTS OPPORTUNITIES TO PERFORM ACTUAL JOB TESTS. THE SYLLABUS INCLUDES A TOPICAL OUTLINE, BEHAVIORAL OBJECTIVES FOR EACH TEACHING UNIT, EMPLOYMENT OBJECTIVES, A SCHEDULE OF CLASS WORK, TEACHING METHODS, REFERENCES, STUDENT ACTIVITIES, ASSIGNMENT SHEETS, METHODS OF EVALUATING PROGRESS, AND A SAMPLE LESSON PLAN. (AUTHOR/MU)

VT 100 865
AKINS, ANNA, AND OTHERS
WORLD OF AGRI-BUSINESS AND NATURAL RESOURCES. K-6. TEACHER'S GUIDE.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - AUG72 49P.

DESCRIPTORS - *TEACHING GUIDES; INSTRUCTIONAL MATERIALS; *CAREER EDUCATION; VOCATIONAL DEVELOPMENT; DISADVANTAGED YOUTH; ELEMENTARY GRADES; *AGRIBUSINESS; *NATURAL RESOURCES; *CAREERS; OCCUPATIONAL INFORMATION
IDENTIFIERS - OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS IS ONE OF A SERIES OF TEACHING GUIDES RESULTING FROM A WORKSHOP DIRECTED AT DESIGNING A MORE COMPREHENSIVE CAREER EDUCATION PROGRAM FOR DISADVANTAGED YOUTH IN GRADES K-12. THIS PARTICULAR GUIDE FOCUSES ON PROVIDING INSTRUCTION ON CAREERS IN AGRIBUSINESS AND THE NATURAL RESOURCES IN GRADES K-6. IN ADDITION TO THE BROAD INSTRUCTIONAL OBJECTIVES PRESENTED, THIS GUIDE CONTAINS THE FOLLOWING CONTENTS ACCORDING TO APPROPRIATE GRADE LEVEL: (1) BEHAVIORAL OBJECTIVES TO BE ATTAINED, (2) COLUMN FORMATED LESSON PLANS CONTAINING CONCEPTS TO BE TAUGHT, SPECIFIC INSTRUCTIONAL/LEARNING OBJECTIVES AND ACTIVITIES TO BE ENGAGED IN, AND (3) REFERENCES AND RESOURCES AVAILABLE FOR USE IN FACILITATING INSTRUCTION. (SN)

VT 100 891
LARK, FLOYD J., AND OTHERS
A CAREER DEVELOPMENT PROGRAM IN AGRICULTURAL OCCUPATIONS FOR ADVANTAGED AND LESS ADVANTAGED RURAL YOUTH.

OKLAHOMA STATE UNIV., STILLWATER. DEPT. OF AGRICULTURAL EDUCATION.
OKLAHOMA STATE DEPT. OF VOCATIONAL AND TECHNICAL EDUCATION, STILLWATER. DIV. OF RESEARCH, PLANNING, AND EVALUATION.; BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 54P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *VOCATIONAL AGRICULTURE; *OCCUPATIONAL INFORMATION; *AGRICULTURAL OCCUPATIONS; UNITS OF STUDY (SUBJECT FIELDS); RURAL YOUTH
IDENTIFIERS - *OKLAHOMA

ABSTRACT - SEVEN INSTRUCTIONAL UNITS COVER MATERIAL ON SELF DISCOVERY AND THE FOLLOWING SIX SPECIFIC OCCUPATIONAL AREAS IN

AGRICULTURE: (1) AGRICULTURAL PRODUCTION, (2) AGRICULTURAL SUPPLIES AND SERVICES, (3) AGRICULTURAL MECHANICS, (4) AGRICULTURAL PRODUCTS, (5) ORNAMENTAL HORTICULTURE, AND (6) FORESTRY AND NATURAL RESOURCES. EACH UNIT INCLUDES THE DUTIES OF THAT OCCUPATION, WORKING CONDITIONS, THE METHOD OF ENTRY INTO THE OCCUPATION, DEMAND FOR WORKERS IN OKLAHOMA, APPROXIMATE STARTING SALARY AND OTHER BENEFITS, AND ANY ADDED CHARACTERISTICS SPECIFIC TO THE OCCUPATION. (AUTHOR/MU)

VT 100 897
MILLER, LARRY E.
SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAMS. CURRICULUM MATERIAL FOR AGRICULTURAL SCIENCE AND MECHANICS I & II.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-.10/.40
PUB DATE - 73 100P.

DESCRIPTORS - *AGRICULTURAL ENGINEERING; *AGRICULTURAL EDUCATION; *WORK EXPERIENCE; *WORK EXPERIENCE PROGRAMS; CURRICULUM MATERIALS; *TEACHING GUIDES

ABSTRACT - THESE SIX SETS OF CURRICULUM MATERIALS WHICH PROVIDE GUIDES FOR THE TEACHER'S LESSON PLANS, CONTAIN TEACHING OBJECTIVES, GROUP OBJECTIVES, VISUAL AID SUGGESTIONS, EVALUATIVE QUESTIONS, AND REFERENCES FOR USE BY THE TEACHER OF AGRICULTURAL ENGINEERING. THE UNITS FOCUS ON SIX TOPICS CONCERNED WITH WORK EXPERIENCE PROGRAMS IN AGRICULTURE: (1) THEIR VALUE TO THE AGRICULTURE STUDENT, (2) THE SELECTION OF A PROGRAM, (3) PROGRAM AGREEMENTS, (4) IMPROVEMENT PROGRAMS AND SUPPLEMENTAL PRACTICES, (5) RECORDKEEPING, AND (6) ANALYSIS OF RECORDS. (MU)

VT 100 898
MILLER, LARRY E.
SELECTED REFERENCES AND AIDS FOR TEACHING ANIMAL SCIENCE TO STUDENTS OF AGRICULTURAL EDUCATION.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF AGRICULTURAL EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
AGDEX-400/017
PUB DATE - 73 51P.

DESCRIPTORS - *RESOURCE GUIDES; *RESOURCE MATERIALS; *INSTRUCTIONAL MATERIALS; EDUCATIONAL RESOURCES; INSTRUCTIONAL AIDS; *ANIMAL SCIENCE; *LIVESTOCK

ABSTRACT - THIS RESOURCE GUIDE WAS DESIGNED TO ASSIST TEACHERS IN THE INSTRUCTION OF ANIMAL SCIENCE. IT IS DIVIDED INTO SIX MAJOR AREAS OF CONCERN WITH MATERIALS SEPARATED INTO THE FOUR CATEGORIES: (1) BULLETINS AND CIRCULARS, (2) TEXT BOOKS, (3) FILMS, FILMSTRIPS, AND SLIDES, AND (4) COMMERCIAL MATERIALS. THE AREAS FOR WHICH INSTRUCTIONAL AIDS ARE LISTED INCLUDE: (1) GENERAL ANIMAL SCIENCE, (2) BEEF, (3) DAIRY, (4) POULTRY, (5) SHEEP, AND (6) SWINE. DESCRIPTIVE COMMENTS ARE PROVIDED ON ALL MATERIALS WITH THE EXCEPTION OF TEXTBOOKS. (SN)

VT 100 906
CAREER PREPARATION IN AGRICULTURAL PRODUCTION. A CURRICULUM GUIDE FOR HIGH SCHOOL VOCATIONAL AGRICULTURE. TEST EDITION.

OHIO STATE UNIV., COLUMBUS. OHIO CAREER EDUCATION AND CURRICULUM MANAGEMENT LAB. IN AGRICULTURAL EDUCATION.
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 703P.

DESCRIPTORS - *CURRICULUM GUIDES;

TEACHING GUIDES; *CURRICULUM; UNITS OF STUDY (SUBJECT FIELDS); CURRICULUM RESEARCH; *VOCATIONAL AGRICULTURE; *VOCATIONAL EDUCATION; SECONDARY GRADES; *AGRICULTURAL PRODUCTION

ABSTRACT - THIS EXPERIMENTAL CURRICULUM GUIDE IS THE OUTCOME OF A PROJECT EFFORT CONDUCTED UNDER THE DIRECTION OF THE CAREER EDUCATION AND CURRICULUM MANAGEMENT LABORATORY AT THE OHIO STATE UNIVERSITY. ONE OF TEN GUIDES DEVELOPED, THIS PUBLICATION WAS DESIGNED TO FACILITATE INSTRUCTION IN THE AREA OF AGRICULTURAL PRODUCTION AT THE HIGH SCHOOL LEVEL. INCLUDED IN THE GUIDE ARE FIVE INSTRUCTIONAL UNITS, COMPLETE WITH UNIT CONCEPTS, PERFORMANCE OBJECTIVES, STUDENT LEARNING ACTIVITIES, SUGGESTED STUDENT EVALUATION PROCEDURES, INSTRUCTIONAL MATERIALS LISTINGS, AND A LIST OF SUPPORTING REFERENCES. SPECIFIC AREAS COVERED IN THE UNITS ARE: (1) UNITS GENERAL TO THE AGRICULTURAL PRODUCTION AREAS, (2) ANIMAL SCIENCE, (3) PLANT SCIENCE, (4) AGRICULTURAL MECHANICS, AND (5) FARM BUSINESS MANAGEMENT. (SN)

VT 101 010
HOUSMAM, JOHN L., AND OTHERS
INDIVIDUALIZED STUDY GUIDE ON APICULTURE. INSTRUCTOR'S GUIDE.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB-AP-16; AGDEX-616
PUB DATE - FEB74 19P.

DESCRIPTORS - *TEACHING GUIDES; LESSON PLANS; INDIVIDUALIZED INSTRUCTION; INSTRUCTIONAL AIDS; AGRICULTURAL EDUCATION
IDENTIFIERS - *APICULTURE

ABSTRACT - THE INDIVIDUALIZED STUDY GUIDE ON APICULTURE WAS PREPARED FOR STUDENTS AT ALL GRADE LEVELS OF A VOCATIONAL EDUCATION PROGRAM IN AGRICULTURE EDUCATION. THE MATERIAL IS PRESENTED TO DEVELOP AN UNDERSTANDING OF HONEY BEES AND APIARY OPERATIONS. BY PERFORMING LEARNING ACTIVITIES AND COMPLETING PROJECTS, THE STUDENT APPLIES THE KNOWLEDGE HE HAS LEARNED. THE STUDY GUIDE MAY BE USED FOR GROUP STUDY, PRACTICAL APPLICATION, OR INDIVIDUALIZED INSTRUCTION. ALTHOUGH THE TEACHER IS RESPONSIBLE FOR DIRECTING THE LEARNING PROGRAM, THE STUDENT SHOULD BE THE SELF-MOTIVATOR. CONTENTS OF THE TEACHER'S GUIDE INCLUDE LESSON PLANS, EQUIPMENT AND SUPPLIES, REFERENCES, AUDIOVISUAL MATERIALS, AND SUGGESTIONS FOR TEACHER PREPARATION. (MF)

VT 101 011
HOUSMAM, JOHN L., AND OTHERS
INDIVIDUALIZED STUDY GUIDE ON APICULTURE. STUDENT GUIDE.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB-AP-15; AGDEX-616
PUB DATE - FEB74 180P.

DESCRIPTORS - *STUDY GUIDES; COURSE CONTENT; INDIVIDUALIZED INSTRUCTION; WORKSHEETS; AGRICULTURAL EDUCATION
IDENTIFIERS - *APICULTURE

ABSTRACT - THE INDIVIDUALIZED STUDY GUIDE ON APICULTURE WAS PREPARED FOR STUDENTS AT ALL GRADE LEVELS OF A VOCATIONAL EDUCATION PROGRAM IN AGRICULTURE EDUCATION. THE MATERIAL IS PRESENTED TO DEVELOP AN UNDERSTANDING OF HONEY BEES AND APIARY OPERATIONS. BY PERFORMING LEARNING ACTIVITIES AND COMPLETING PROJECTS, THE STUDENT APPLIES THE KNOWLEDGE HE HAS LEARNED. THE STUDY GUIDE MAY BE USED FOR GROUP STUDY, PRACTICAL APPLICATION, OR INDIVIDUALIZED INSTRUCTION. ALTHOUGH THE TEACHER IS RESPONSIBLE FOR DIRECTING THE LEARNING PROGRAM, THE STUDENT SHOULD BE THE SELF-MOTIVATOR. CONTENTS OF THE STUDENT GUIDE INCLUDE THE HONEY BEE AND HONEY, COLONY ORGANIZATION, HOUSING AND EQUIPMENT, SELECTING BEES, APIARY LOCATION, HIVE MANAGEMENT, DISEASES AND PESTS, AND PRODUCING, HARVESTING, AND MARKETING HONEY. (MF)

VT 101 012
MILLER, LARRY E.
WHAT IS SOIL? ADVANCED CROP AND SOIL SCIENCE. A COURSE OF STUDY.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB-AP-9; AGDEX-506
PUB DATE - 74 45P.

DESCRIPTORS - *SOIL SCIENCE; *LESSON PLANS; *COURSE CONTENT; *TEACHING GUIDES; INSTRUCTIONAL AIDS

ABSTRACT - IN THE SOILS MODULE OF THE ADVANCED CROP AND SOIL SCIENCE COURSE, LESSON I PRESENTED IN THIS PUBLICATION IS ENTITLED "WHAT IS SOIL?" SUGGESTED TEACHING PROCEDURE, OBJECTIVES, REFERENCES, TEACHING AIDS, PROBLEMS, AND EVALUATION ARE INCLUDED. MANY ILLUSTRATIONS ARE PROVIDED FOR THE COURSE MATERIAL. (MF)

VT 101 013
MILLER, LARRY E.
SOIL EROSION. ADVANCED CROP AND SOIL SCIENCE. A COURSE OF STUDY.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB-AP-14; AGDEX-570
PUB DATE - 74 38P.

DESCRIPTORS - *SOIL SCIENCE; *SOIL CONSERVATION; *COURSE CONTENT; *TEACHING GUIDES; INSTRUCTIONAL AIDS

ABSTRACT - IN THE SOILS MODULE OF THE ADVANCED CROP AND SOIL SCIENCE COURSE, LESSON VI PRESENTED IN THIS PUBLICATION IS ON SOIL EROSION. SUGGESTED TEACHING PROCEDURE, OBJECTIVES, REFERENCES, TEACHING AIDS, PROBLEMS, AND EVALUATION ARE INCLUDED. MANY ILLUSTRATIONS ARE PROVIDED FOR THE COURSE MATERIAL. (MF)

VT 101 014
MILLER, LARRY E.
SOIL WATER. ADVANCED CROP AND SOIL SCIENCE. A COURSE OF STUDY.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB-AP-12; AGDEX-550
PUB DATE - 74 44P.

DESCRIPTORS - *SOIL SCIENCE; *WATER RESOURCES; *COURSE CONTENT; *TEACHING GUIDES; INSTRUCTIONAL AIDS

ABSTRACT - IN THE SOILS MODULE OF THE ADVANCED CROP AND SOIL SCIENCE COURSE, LESSON IV PRESENTED IN THIS PUBLICATION IS ON SOIL WATER. SUGGESTED TEACHING PROCEDURE, OBJECTIVES, REFERENCES, TEACHING AIDS, PROBLEMS, AND EVALUATION ARE INCLUDED. MANY ILLUSTRATIONS ARE PROVIDED FOR THE COURSE MATERIAL. (MF)

VT 101 015
MILLER, LARRY E.
PHYSICAL FEATURES OF SOIL. ADVANCED CROP AND SOIL SCIENCE. A COURSE OF STUDY.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.

PUB-AP-10; AGDEX-507
PUB DATE - 74 49P.

DESCRIPTORS - *SOIL SCIENCE; *LESSON PLANS; *COURSE CONTENT; *TEACHING GUIDES; INSTRUCTIONAL AIDS

ABSTRACT - IN THE SOILS MODULE OF THE ADVANCED CROP AND SOIL SCIENCE COURSE, LESSON II PRESENTED IN THIS PUBLICATION IS ON THE PHYSICAL FEATURES OF SOIL. SUGGESTED TEACHING PROCEDURE, OBJECTIVES, REFERENCES, TEACHING AIDS, PROBLEMS, AND EVALUATION ARE INCLUDED. MANY ILLUSTRATIONS ARE PROVIDED FOR THE COURSE MATERIAL. (MF)

VT 101 016
MILLER, LARRY E.
CHEMICAL FEATURES OF SOIL. ADVANCED CROP AND SOIL SCIENCE. A COURSE OF STUDY.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION. VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB-AP-13; AGDEX-530
PUB DATE - 74 52P.

DESCRIPTORS - *SOIL SCIENCE; *UNITS OF STUDY (SUBJECT FIELDS); *TEACHING GUIDES; *VOCATIONAL AGRICULTURE; *AGRICULTURAL EDUCATION

ABSTRACT - THIS UNIT OF INSTRUCTION FOR A 4-DAY SEGMENT OF A SECONDARY VOCATIONAL-AGRICULTURE CLASS IN SOIL SCIENCE CONTAINS NINE DEMONSTRATIONS, 21 TRANSPARENCY MASTERS, AND 12 STUDENT HANDOUT SHEETS. THIS LESSON V INCLUDES THE TITLE, SUGGESTED TIME ALLOTMENT, TEACHING PROCEDURE, OBJECTIVES, SAMPLE INTRODUCTION TECHNIQUES, TEACHING AIDS, PROBLEMS, SUMMARY, AND EVALUATIVE STATEMENTS FOR THE CHEMICAL FEATURES OF SOIL. (AUTHOR/MU)

VT 101 033
PIOTROWSKI, ANTHONY J.
AGRICULTURAL ENVIRONMENTAL TECHNOLOGY.

MERCER COUNTY AREA VOCATIONAL-TECHNICAL SCHOOL, MERCER, PA.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - AUG73 147P.

DESCRIPTORS - *CURRICULUM GUIDES; *AGRICULTURAL EDUCATION; *ENVIRONMENTAL EDUCATION; SECONDARY SCHOOLS; *VOCATIONAL AGRICULTURE; *PROGRAM DEVELOPMENT; COMMUNITY CONSULTANTS; EMPLOYMENT OPPORTUNITIES
IDENTIFIERS - *PENNSYLVANIA

ABSTRACT - THIS REPORT IS A SUMMARY OF ACTIVITIES THAT HAVE BEEN CONDUCTED WHILE DEVELOPING A 3-YEAR COURSE IN AGRICULTURAL ENVIRONMENTAL TECHNOLOGY IN THE MERCER COUNTY AREA VOCATIONAL-TECHNICAL SCHOOL. RESEARCH TECHNIQUES INCLUDED THE FOLLOWING: (1) PERSONAL INTERVIEWS WITH LOCAL EMPLOYERS WHOSE BUSINESSES ARE DIRECTLY OR INDIRECTLY RELATED TO AREAS OF HORTICULTURE AND NATURAL RESOURCE MANAGEMENT, (2) A BUSINESS SURVEY OF THE OCCUPATIONAL NEEDS OF THE COUNTY, BOTH PRESENT AND PROJECTED, (3) CORRESPONDENCE WITH AGENCIES OF THE FEDERAL GOVERNMENT, AND (4) ADVICE FROM TEACHERS IN THE CONCERNED AREAS. THE RESULTANT COURSE WILL BE AVAILABLE FOR 40 STUDENTS FROM GRADES 10, 11, AND 12 WHO WILL ATTEND THE VOCATIONAL-TECHNICAL SCHOOL ON A HALF-DAY BASIS WHILE TAKING ALL ACADEMIC COURSES IN THEIR HOME HIGH SCHOOLS. THE REPORT CONTAINS A COURSE OUTLINE, A LIBRARY BOOK REFERENCE LIST, SUGGESTED ACTIVITIES TO BE MASTERED IN EACH SEGMENT OF THE COURSE, A LISTING OF EQUIPMENT AND SUPPLIES, AND NAMES AND ADDRESSES OF BUSINESS CONTACTS. (KH)

VT 101 041
STINSON, RICHARD F.; WILLIAMS, WILLIAM
DEVELOPMENT OF SUPERVISED OCCUPATIONAL EXPERIENCE MATERIALS FOR ORNAMENTAL HORTICULTURE.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK.
PENNSYLVANIA RESEARCH COORDINATING UNIT FOR VOCATIONAL EDUCATION, HARRISBURG.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 27SEP73 6P.

DESCRIPTORS - *MATERIAL DEVELOPMENT; *RECORDS (FORMS); *ORNAMENTAL HORTICULTURE; *WORKSHOPS; OFF FARM AGRICULTURAL OCCUPATIONS; *VOCATIONAL AGRICULTURE; AGRICULTURAL EDUCATION; WORK EXPERIENCE PROGRAMS

ABSTRACT - THE LACK OF APPROPRIATE RECORD FORMS FOR USE BY STUDENTS IN ORNAMENTAL HORTICULTURE WORK-EXPERIENCE PROGRAMS PROMPTED THE ACTIVITIES BRIEFLY DESCRIBED IN THIS DOCUMENT. A 5-DAY WORKSHOP INVOLVING VOCATIONAL AGRICULTURE TEACHERS AND TEACHER EDUCATION PERSONNEL PRODUCED SIX RECORD FORMS FOR VARIOUS AREAS OF ORNAMENTAL HORTICULTURE. THE RESULTING SEGMENTED PUBLICATION CAN BE USED AS A TEACHER REFERENCE UNIT, OR BY STUDENTS WORKING INDEPENDENTLY ON ANY OF THE NINE SEGMENTS OF THE SUBJECT. A FINAL RECOMMENDATION ENCOURAGES USE OF THE WORKSHOP TECHNIQUE IN THE DEVELOPMENT OF INSTRUCTIONAL MATERIALS BECAUSE OF ITS PRODUCTIVITY, EFFICIENCY, AND THE RESULTANT HIGH QUALITY PRODUCT. (KH)

VT 101 222
AGRIBUSINESS AND NATURAL RESOURCE EDUCATION. TEN CURRICULUM GUIDES.

IOWA STATE UNIV. OF SCIENCE AND TECHNOLOGY, AMES. DEPT. OF AGRICULTURAL EDUCATION.
IOWA STATE DEPT. OF PUBLIC INSTRUCTION, DES MOINES. DIV. OF CAREER EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 466P.

DESCRIPTORS - *AGRIBUSINESS; *NATURAL RESOURCES; *CAREER EDUCATION; *CURRICULUM GUIDES; SECONDARY SCHOOLS; ANIMAL SCIENCE; AGRONOMY; AGRICULTURAL ENGINEERING; FARM MANAGEMENT; AGRICULTURAL SUPPLY OCCUPATIONS; HORTICULTURE; CONSERVATION EDUCATION; WORK EXPERIENCE PROGRAMS; REFERENCE MATERIALS

ABSTRACT - THIS PACKET OF 10 CURRICULUM GUIDES, INTENDED TO AID IN PLANNING AND DEVELOPING MATERIALS FOR THE INTRODUCTION OF AGRIBUSINESS AND NATURAL RESOURCE EDUCATION, CAN BE USED IN STATE-WIDE EDUCATIONAL PROGRAMS. THE GUIDES ARE APPROPRIATE FOR ALL LEVELS FROM ELEMENTARY TO VOCATIONAL SCHOOLS AND COMMUNITY COLLEGES, ALTHOUGH EMPHASIS IS ON THE SECONDARY LEVEL. THE OTHER NINE CURRICULUM GUIDES INCLUDE THE FOLLOWING: (1) ANIMAL SCIENCE, (2) AGRONOMIC SCIENCE, (3) AGRICULTURAL MECHANICS, (4) FARM BUSINESS MANAGEMENT, (5) AGRICULTURAL SUPPLIES AND SERVICES, (6) AGRICULTURAL PRODUCTS PROCESSING AND DISTRIBUTION, (7) HORTICULTURE, (8) AGRICULTURAL RESOURCES AND CONSERVATION, AND (9) OCCUPATIONAL EXPERIENCE IN AGRICULTURE. EACH CONTAINS UNITS AND PROBLEM AREAS FOR EACH TOPIC PLUS APPROPRIATE COMPETENCIES AND LEARNING ACTIVITIES. NO INDICATION OF THE LEVEL OF INSTRUCTION IS MADE SINCE THE AGRIBUSINESS AND NATURAL RESOURCE EDUCATION GUIDE PROVIDES THIS INFORMATION. IN EACH OF THE 10 GUIDES IS A LIST OF REFERENCES WITH SOURCES OF REFERENCES AND INSTRUCTIONAL AIDS FOR THE NINE TOPIC AREAS. (LJ)

VT 101 224
BJORAKER, WALTER T., ED.
A COURSE OF STUDY IN FARM MANAGEMENT.

WISCONSIN UNIV., MADISON. DEPT. OF AGRICULTURAL AND EXTENSION EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
INSTR-SER-4
PUB DATE - 72 54P.

DESCRIPTORS - *CURRICULUM GUIDES; *AGRICULTURAL EDUCATION; *FARM MANAGEMENT; *FARM VISITS; SUPERVISED FARM PRACTICE

ABSTRACT - THIS COURSE OF STUDY IN FARM MANAGEMENT WAS PLANNED PRIMARILY FOR USE BY INSTRUCTORS IN FARM TRAINING, PRODUCTION AGRICULTURE AND CONTINUING EDUCATION PROGRAMS BUT COULD ALSO BE ADAPTED FOR USE IN SECONDARY LEVEL VOCATIONAL AGRICULTURE PROGRAMS. WRITTEN FOR A MINIMUM OF 20 HOURS OF CLASSROOM INSTRUCTION, THE COURSE MATERIAL IS SUPPLEMENTED BY AN OUTLINE OF INDIVIDUAL INSTRUCTION TO BE CONDUCTED BY THE TEACHER DURING MONTHLY VISITS TO THE ENROLLEE'S FARM. MANAGEMENT PROCEDURES TO BE TAUGHT COVER SUCH AREAS AS FINANCIAL RECORD-KEEPING, INCOME TAX PREPARATION, AND LONG RANGE CROP AND LIVESTOCK PLANNING. WORKSHEETS, INVENTORY FORMS, SAMPLE LEDGERS, AND REFERENCE LISTS ARE APPENDED. (KH)

VT 101 229
HANSON, CLARK; GADDA, HILDING
GUIDELINES FOR ESTABLISHING OFF-FARM AGRICULTURAL EXPERIENCE PROGRAMS IN VOCATIONAL AGRICULTURE IN SOUTH DAKOTA.

SOUTH DAKOTA STATE UNIV., BROOKINGS. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
DR. HILDING GADDA, DEPT. OF AGRICULTURAL EDUCATION, SOUTH DAKOTA STATE UNIV., BROOKINGS, SD 57006.
PUB DATE - AUG73 50P.

DESCRIPTORS - *OFF FARM AGRICULTURAL OCCUPATIONS; *VOCATIONAL AGRICULTURE; *AGRIBUSINESS; *CURRICULUM GUIDES; *WORK EXPERIENCE PROGRAMS; COOPERATIVE PROGRAMS; HIGH SCHOOL STUDENTS
IDENTIFIERS - SOUTH DAKOTA PUBLIC SCHOOLS

ABSTRACT - THIS PUBLICATION CONSISTS OF TENTATIVE GUIDELINES INTENDED TO BE USED TO ESTABLISH AND CONDUCT DIVERSIFIED OFF-FARM AGRICULTURAL OCCUPATION EXPERIENCE PROGRAMS FOR THE 1973-74 ACADEMIC YEAR IN SOUTH DAKOTA. THE PURPOSE OF THIS GUIDEBOOK IS TO PROVIDE THE LOCAL VOCATIONAL AGRICULTURE INSTRUCTOR WITH GUIDELINES, PROCEDURAL STEPS, PROMOTIONAL INFORMATION, AND RECOMMENDED REFERENCES FOR THE SUCCESSFUL IMPLEMENTATION OF AN OFF-FARM OCCUPATIONAL EXPERIENCE PROGRAM. THIS TYPE OF PROGRAM IS DEFINED AS A COOPERATIVE EDUCATIONAL EXPERIENCE PROVIDED FOR HIGH SCHOOL STUDENTS CONSISTING OF RELATED CLASSROOM INSTRUCTION IN AGRICULTURE, AGRIBUSINESS, AND RELATED SUBJECTS COMBINED WITH PLACEMENT FOR SUPERVISED OCCUPATIONAL EXPERIENCE IN A BUSINESS RELATED TO AGRICULTURE. EXAMPLES OF FORMS TO BE USED DURING THE PROGRAM ARE INCLUDED, AND A LIST OF REFERENCES IS PROVIDED. (AUTHOR/LJ)

VT 101 230
KAY, RONALD D.
TEXAS A&M FARM AND RANCH MANAGEMENT GAME.

TEXAS A AND M UNIV., COLLEGE STATION. TEXAS AGRICULTURAL EXPERIMENT STATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 46P.

DESCRIPTORS - *EDUCATIONAL GAMES; *AGRICULTURAL EDUCATION; *FARM MANAGEMENT; *VOCATIONAL AGRICULTURE; DECISION MAKING

ABSTRACT - THIS DOCUMENT PRESENTS AN EDUCATIONAL GAME DESIGNED TO GIVE STUDENTS OR STUDENT TEAMS PRACTICE IN MAKING FARM AND RANCH MANAGEMENT DECISIONS IN A LABORATORY SETTING. DECISIONS ARE MADE ON THE NUMBER OF ACRES TO BUY OR LEASE, ACRES OF VARIOUS CROPS TO BE GROWN, FERTILIZER LEVELS ON EACH CROP, AND THE NUMBER AND TYPE OF LIVESTOCK TO BE KEPT. THE MODEL THEN CALCULATES THE MACHINERY, BUILDINGS AND LABOR REQUIREMENTS, CROP AND LIVESTOCK YIELDS, PURCHASES MACHINERY AND BUILDINGS AS REQUIRED, BORROWS MONEY IF NEEDED, AND PERFORMS OTHER NECESSARY FINANCIAL CALCULATIONS TO PRINT OUT RESULTS. THE MODEL MAY BE USED FOR ANY NUMBER OF TEAMS IN ONE

RUN. OUTPUT IS A LISTING OF THE ACRES OF CROPS AND NUMBER OF LIVESTOCK RAISED, YIELD AND PRICES RECEIVED, MACHINERY AND BUILDINGS PURCHASED, AN INCOME STATEMENT, A NET WORTH STATEMENT, AND A FLOW OF FUNDS SUMMARY. (AUTHOR/MU)

VT 101 235
HORTICULTURAL MECHANICS. COURSE OUTLINE.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 9P.

DESCRIPTORS - *CURRICULUM GUIDES; *AGRICULTURAL EDUCATION; *ORNAMENTAL HORTICULTURE OCCUPATION; HORTICULTURE; *UNITS OF STUDY (SUBJECT FIELDS); *MECHANICAL EQUIPMENT

ABSTRACT - THIS COURSE OUTLINE FOR HORTICULTURAL MECHANICS IS DESIGNED TO COVER BOTH FALL AND SPRING SEMESTER WORK. EACH SEMESTER COURSE IS DIVIDED INTO UNITS OF INSTRUCTION INCLUDING, AMONG OTHER TOPICS, THE FOLLOWING: (1) ORIENTATION AND SAFETY, (2) PLUMBING, (3) HYDRAULICS, (4) TREE TOOLS, (5) GRASS CUTTING EQUIPMENT, (6) SPRAYING AND SPREADING EQUIPMENT, AND (7) IRRIGATION SYSTEMS. A MATRIX OF INSTRUCTIONAL UNITS AND OCCUPATIONAL AREAS IN ORNAMENTAL HORTICULTURE ALLOWS FOR FLEXIBLE USE OF THE OUTLINE TO FULFILL SPECIFIC OCCUPATIONAL NEEDS. (KH)

VT 101 236
RECORD BOOK OF OCCUPATIONAL SKILLS AND TASKS IN AGRICULTURE. (PRELIMINARY DRAFT).

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION.
PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG. AGRICULTURAL EDUCATION SERVICE.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 25P.

DESCRIPTORS - *RECORDS (FORMS); *VOCATIONAL AGRICULTURE; *STUDENT EXPERIENCE; LEARNING ACTIVITIES; *AGRICULTURAL SKILLS

ABSTRACT - THIS RECORD BOOK IS DESIGNED TO SERVE AS A SUMMARY OF ACTIVITIES UNDERTAKEN BY THE VOCATIONAL AGRICULTURE STUDENT THROUGHOUT HIS OR HER INSTRUCTIONAL PROGRAM. OPPORTUNITY IS PROVIDED FOR THE STUDENT TO RECORD EXPERIENCES IN THE SCHOOL SHOP, THE GREENHOUSE, THE LAND LABORATORY, AND HOME GROUNDS, AS CHOSEN IN LINE WITH A PLANNED CAREER. BESIDES ALLOWING FOR STUDENT SELF-EVALUATION AND TEACHER EVALUATION, THE BOOKLET PROVIDES A PLACE TO RECORD PRIZES, AWARDS, AND OTHER ACHIEVEMENTS IN STUDENT AGRICULTURAL CLUBS. (KH)

VT 101 240
MORTENSEN, JAMES H.; BROWN, EDWARD J.
EXPLORING OCCUPATIONS IN THE NATURAL RESOURCES. A STUDENT RESOURCE GUIDE FOR THE MIDDLE SCHOOL.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4432(357)
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402
PUB DATE - 73 89P.

DESCRIPTORS - *NATURAL RESOURCES; *RESOURCE GUIDES; OCCUPATIONAL CLUSTERS; *OCCUPATIONAL INFORMATION; CAREER EDUCATION; MIDDLE SCHOOLS; CAREER CHOICE; *CAREER OPPORTUNITIES

ABSTRACT - DESIGNED FOR BOTH GROUP AND INDIVIDUAL USE, THIS STUDENT RESOURCE GUIDE SUGGESTS A CONTINUUM OF PLANNED CAREER EXPLORATION EXPERIENCES IN THE FIELD OF NATURAL RESOURCES. INFORMATION AND ACTIVITIES IN THE OPENING SECTION HELP MIDDLE SCHOOL STUDENTS DEVELOP

REALISTIC SELF IMAGES AND ATTITUDES TOWARD EDUCATIONAL AND VOCATIONAL CHOICES. THE BODY OF THE GUIDE CONSISTS OF BRIEF DESCRIPTIONS OF NATURAL RESOURCE OCCUPATIONS, LISTED IN RELATED CLUSTERS. THESE OCCUPATIONAL BRIEFS INCLUDE USUAL DUTIES, JOB CHARACTERISTICS, QUALIFICATIONS, EMPLOYMENT PROSPECTS, AND ADVANCEMENT OPPORTUNITIES. THE APPENDICES SUGGEST RELATED RESOURCE MATERIALS TO BE FOUND WITHIN THE COMMUNITY. (KH)

VT 101 243
MORTENSEN, JAMES H.
OCCUPATIONAL PREPARATION IN THE NATURAL RESOURCES. A SUGGESTED HIGH SCHOOL CURRICULUM GUIDE.

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4432(357)
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C.
PUB DATE - 73 75P.

DESCRIPTORS - *PROGRAM GUIDES; *CURRICULUM GUIDES; UNITS OF STUDY (SUBJECT FIELDS); *NATURAL RESOURCES; *CAREER EDUCATION; *OCCUPATIONAL CLUSTERS; OCCUPATIONAL INFORMATION

ABSTRACT - INTENDED FOR USE BY VOCATIONAL ADMINISTRATORS, COUNSELORS, AND INSTRUCTORS, THIS CURRICULUM GUIDE PROVIDES A MODEL PLAN FOR NATURAL RESOURCE OCCUPATIONAL PREPARATION PROGRAMS. GUIDELINES FOR DEVELOPING AND IMPLEMENTING SUCH A PROGRAM ARE FOLLOWED BY OUTLINED UNITS IN TEN CAREER AREAS IN NATURAL RESOURCES. THE UNITS INCLUDE SUGGESTED BEHAVIORAL OBJECTIVES, LEARNING ACTIVITIES, AND REFERENCES. ALTHOUGH THE INDICATED LEVEL OF INSTRUCTION IS HIGH SCHOOL, THE OUTLINED UNITS COULD BE ADAPTED FOR USE AT ANY LEVEL, INCLUDING EMPLOYED ADULTS. LISTS OF TEXTBOOKS, AUDIOVISUAL AIDS, AND COOPERATING SCIENTIFIC, TRADE, AND TECHNICAL SOCIETIES ARE APPENDED. (KH)

VT 101 285
BERRY, WAYNE; SCHLICHTING, HARLEY
PREPARING LEARNING ACTIVITY PACKAGES FOR SELECTED AGRI-BUSINESS COURSES AT THE POST-SECONDARY LEVEL. FINAL REPORT.

NORTH DAKOTA UNIV., WILLISTON CENTER, WILLISTON.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; NORTH DAKOTA STATE BOARD FOR VOCATIONAL EDUCATION, BISMARCK.
MF AVAILABLE IN VT-ERIC SET.
RES-SER-12
NORTH DAKOTA RESEARCH COORDINATING UNIT, STATE BOARD FOR VOCATIONAL EDUCATION, STATE OFFICE BUILDING, BISMARCK, N.D. 58501
PUB DATE - 05JUN74 70P.

DESCRIPTORS - *CURRICULUM GUIDES; *INDIVIDUALIZED CURRICULUM; *AGRIBUSINESS; *FARM MANAGEMENT; STUDENT CENTERED CURRICULUM
IDENTIFIERS - NORTH DAKOTA RCU

ABSTRACT - POST-SECONDARY AGRI-BUSINESS INSTRUCTORS FROM FOUR JUNIOR COLLEGES IN NORTH DAKOTA WORKED COOPERATIVELY TO DEVELOP ACTIVITY PACKETS FOR AGRI-BUSINESS COURSES. A SERIES OF 21 INDIVIDUAL LEARNING PACKETS WERE DEVELOPED. EACH LESSON CONTAINS: JOB TITLE; JOB OBJECTIVES, INSTRUCTIONAL AIDS, REFERENCES, PROCEDURE, STEPS, KEY POINTS, AND STUDENT REQUIREMENT. A SAMPLING OF TOPICS INCLUDE: HOW TO PLANT A TREE; HOW TO PRUNE A TREE; BRANDING CATTLE; CASTRATION OF PIGS; TAKING SOIL SAMPLES; OPERATION OF TRUCK SCALES; COURTHOUSE RECORDS; AND YIELD OF FORAGE PER ACRE. (KB)

VT 101 286
PROJECT COVE: COASTAL OPPORTUNITIES IN VOCATIONAL EDUCATION (RESOURCE, CONSERVATION, AND DEVELOPMENT). FINAL REPORT.

MAINE SCHOOL ADMINISTRATIVE

DISTRICT 40, WALDOBORO.
BUREAU OF ADULT, VOCATIONAL, AND TECHNICAL EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 30JUN74 32P.

DESCRIPTORS - *CONSERVATION EDUCATION; FORESTRY; SOIL CONSERVATION; *NATURAL RESOURCES; LANDSCAPING
IDENTIFIERS - MAINE SCHOOL ADMINISTRATIVE DISTRICT 40

ABSTRACT - THIS IS THE FINAL REPORT ON PROJECT COVE (COASTAL OPPORTUNITIES IN VOCATIONAL EDUCATION). THE PURPOSE OF THIS PROJECT WAS TO HELP STUDENTS HELP THEMSELVES BY TEACHING THEM A VARIETY OF SKILLS FOR GAINFUL EMPLOYMENT AND LIVING. THE STUDENTS WERE PROVIDED WITH RELATED AND OCCUPATIONAL LEARNING EXPERIENCES IN THE AREAS OF HORTICULTURE AND GREENHOUSE WORK, AND NEW AREAS OF MARINE AGRICULTURE, LANDSCAPING, FORESTRY AND BOAT BUILDING. THE PROGRAM OUTLINE INCLUDES: THE FLORICULTURE INDUSTRY; STRUCTURES FOR GROWING PLANTS; GREENHOUSE CONSTRUCTION; FACTORS AFFECTING PLANT GROWTH; PLANT REPRODUCTION; GREENHOUSE CROPS; FLOWER ARRANGEMENT; ORGANIC GARDENING CONCEPTS; LAWN AND TRACTOR TRAINING; AND MARKET GARDEN. A CONSERVATION AND LANDSCAPING PROGRAM FOR THIRD YEAR IS ALSO OUTLINED. (KB)

VT 101 429
REICHSTADT, KATHRYN
AGRICULTURAL BUSINESS UNIT, FIFTH GRADE LEVEL.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - JUL74 15P.

DESCRIPTORS - *CAREERS; *GRADE 5; *AGRIBUSINESS; AGRICULTURAL OCCUPATIONS; OFF FARM AGRICULTURAL OCCUPATIONS
IDENTIFIERS - OMAHA PUBLIC SCHOOLS

ABSTRACT - THIS IS A UNIT OF STUDY INVOLVING OCCUPATIONS IN AGRICULTURAL BUSINESS SERVICE SUPPLY, CROP PRODUCTION, AND ANIMAL PRODUCTION, TO BE INTEGRATED WITH THE FIFTH GRADE CURRICULUM. EACH SUBSECTION OF THE UNIT CONTAINS A LIST OF OCCUPATIONS IN THE AREA, OBJECTIVES, LEARNING ACTIVITIES, AND A WORKSHEET. A PRE-TEST, POST-TEST, A TEACHER EVALUATION, AND A RESOURCE MATERIALS LIST ARE INCLUDED. (KB)

VT 101 431
DAHLGREN, NANCY
AGRI-BUSINESS AND NATURAL RESOURCES JOBS RELATED TO THE MINING/QUARRYING INDUSTRY, FIFTH GRADE LEVEL.

OMAHA PUBLIC SCHOOLS, NEBR. DEPT. OF VOCATIONAL EDUCATION.
BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-71-4661(361)
PUB DATE - JUL74 15P.

DESCRIPTORS - *CAREERS; *GRADE 5; *AGRIBUSINESS; *NATURAL RESOURCES
IDENTIFIERS - OMAHA PUBLIC SCHOOLS

ABSTRACT - THE PURPOSE OF THIS UNIT IS TO ACQUAINT FIFTH GRADE STUDENTS WITH JOBS RELATING TO THE ACTUAL MINING AND QUARRYING PROCESS. THE TYPES OF MINING, TRAINING, QUALIFICATIONS, EARNINGS, AND WORKING CONDITIONS RELATED TO MINING AND QUARRYING ARE DISCUSSED. OBJECTIVES, LEARNING ACTIVITIES, PRE- AND POST-TEST, STUDY SHEET, AND RESOURCES ARE PRESENTED. (KB)

VT 101 447
VOCABULARY SKILLS - HORTICULTURE. BOOKLET NO. 1-ALPHABETIZING; BOOKLET NO. 2-WORD STUDY; BOOKLET NO. 3-WORD MEANING.

RUTGERS, THE STATE UNIV., NEW BRUNSWICK, N.J. CURRICULUM LAB.
NEW JERSEY STATE DEPT. OF

EDUCATION, TRENTON. DIV. OF
VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - SEP74 66P.

DESCRIPTORS - *HORTICULTURE; *AGRICULTURAL EDUCATION; *WORD STUDY SKILLS; *VOCABULARY DEVELOPMENT; *WORKBOOKS

ABSTRACT - THREE SMALL WORKBOOKS HAVE BEEN DEVELOPED FOR STUDENTS IN A VOCATIONAL COURSE OF HORTICULTURE FOR BEGINNERS. THEY AIM AT DEVELOPING FAMILIARITY AND SKILL IN THE LANGUAGE OF THE TRADE. TEN EXERCISES EACH IN ALPHABETIZING, WORK STUDY, AND WORD MEANING CONSTITUTE THE TRAINING. (MU)

VT 101 454
VOCATIONAL EDUCATION STATE INSTRUCTIONAL MATERIALS FOR AGRICULTURE. REVISED 1974.

OKLAHOMA STATE DEPT. OF VOCATIONAL
AND TECHNICAL EDUCATION,
STILLWATER. CURRICULUM AND
INSTRUCTIONAL MATERIALS CENTER.
OFFICE OF EDUCATION (DHEW),
WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
OEG-0-72-4682
PUB DATE - 74 87P.

DESCRIPTORS - *ANNOTATED BIBLIOGRAPHIES; *ABSTRACTS; *VOCATIONAL EDUCATION; *INSTRUCTIONAL MATERIALS; *AGRICULTURE

ABSTRACT - THIS ANNOTATED LISTING OF CURRICULUM MATERIALS FOR AGRICULTURE IS PROVIDED IN ORDER TO APPRISE PLANNERS, ADMINISTRATORS, VOCATIONAL EDUCATORS AND OTHERS INTERESTED IN OFFERING OR INVOLVED IN VOCATIONAL PROGRAMS OF THE AVAILABLE CURRICULUM MATERIALS DEVELOPED BY VARIOUS STATES. THE CURRICULUM MATERIALS HAVE BEEN IDENTIFIED WITH THE INSTRUCTIONAL TITLES AND CODES FROM THE CLASSIFICATION SYSTEM OF THE OFFICE OF EDUCATION. THE TITLE OF THE DOCUMENT, PUBLICATION DATE, THE NUMBER OF PAGES, PRICE, AND A SUMMARY OF THE CONTENT IS PROVIDED FOR EACH ANNOTATION. (KB)

VT 101 458
VOCATIONAL AGRICULTURE IV, A CURRICULUM GUIDE. 12TH GRADE.

OKLAHOMA STATE DEPT. OF VOCATIONAL
AND TECHNICAL EDUCATION,
STILLWATER. CURRICULUM AND
INSTRUCTIONAL MATERIALS CENTER.
OKLAHOMA STATE BOARD FOR VOCATIONAL
EDUCATION, STILLWATER.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 73 691P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *FARM MANAGEMENT; *PLANT SCIENCE; SOIL SCIENCE; *AGRICULTURAL ENGINEERING; *CURRICULUM GUIDES; LEADERSHIP; CAREERS
IDENTIFIERS - OKLAHOMA

ABSTRACT - THIS PUBLICATION IS DESIGNED TO PROVIDE A BASIC CORE OF INSTRUCTION IN VOCATIONAL AGRICULTURE. VOCATIONAL AGRICULTURE IV COVERS FOUR SECTIONS: FARM BUSINESS MANAGEMENT, LEADERSHIP AND CAREERS, PLANT AND SOIL SCIENCE, AND AGRICULTURAL MECHANICS. THE INSTRUCTIONAL UNITS ARE DESIGNED TO ACCOUNT FOR 60 PERCENT OF AN INSTRUCTOR'S TIME TEACHING VOCATIONAL AGRICULTURE. EACH INSTRUCTIONAL UNIT INCLUDES OBJECTIVES, SUGGESTED ACTIVITIES, INFORMATION SHEETS, ASSIGNMENT SHEETS, JOB SHEETS, TRANSPARENCY MASTERS, A TEST AND ANSWERS TO THE TEST. (AUTHOR/KB)

VT 101 462
VINYARD, CARL
JUNIOR HIGH SKILL ACTIVITIES IN AGRICULTURE.

MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 157P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *AGRICULTURAL SKILLS; *STUDENT PROJECTS; *PROJECT TRAINING METHODS; *VOCATIONAL AGRICULTURE; AGRICULTURAL ENGINEERING; ANIMAL SCIENCE; AGRICULTURAL PRODUCTION
IDENTIFIERS - *FUTURE FARMERS OF

AMERICA; FFA; INDIANA

ABSTRACT - THIS TEACHING GUIDE IS COMPOSED OF INDIVIDUAL SKILL SHEETS TO PROVIDE INDIANA TEACHERS WITH IDEAS FOR HANDS-ON PROJECTS IN THE INDIANA JUNIOR HIGH SCHOOL AGRICULTURAL PROGRAMS. A 3-PART RECORD BOOKLET OF FUTURE FARMERS OF AMERICA (FFA) ACTIVITIES IS DESIGNED FOR ENTRIES RELATED TO IMPROVEMENT PROJECTS, EARNINGS AND EXPENSES, AND FFA ACTIVITIES. AREAS OF AGRICULTURAL SKILL COVERED IN THE GUIDE INCLUDE ANIMAL SCIENCE, NATURAL RESOURCES, CROP PRODUCTION, AGRONOMY, AND AGRICULTURAL MECHANICS AND ENGINEERING. (AUTHOR/MU)

VT 101 484
JUNIOR HIGH SKILL ACTIVITIES IN AGRICULTURE.

FUTURE FARMERS OF AMERICA, WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 148P.

DESCRIPTORS - *JUNIOR HIGH SCHOOL STUDENTS; *TEACHING GUIDES; *AGRICULTURAL EDUCATION; *REFERENCE MATERIALS; *PROJECTS; LESSON PLANS; EDUCATIONAL OBJECTIVES

ABSTRACT - THIS TEACHER REFERENCE FOR JUNIOR HIGH SCHOOL IS COMPOSED OF INDIVIDUAL SKILL SHEETS RELATING TO THE MAJOR AREAS OF AGRICULTURE. THE PURPOSE OF THE SKILL SHEETS IS TO PROVIDE TEACHERS WITH IDEAS FOR STUDENT "HANDS-ON" PROJECTS. EACH SKILL SHEET CONTAINS THE UNIT TITLE, TITLE OF ACTIVITY, METHOD OF TEACHING, OBJECTIVES, MATERIALS NEEDED, DETAILED PROCEDURES, AND REFERENCES. (KB)

VT 101 608
MODULE DIRECTORY FOR AGRICULTURAL EDUCATION.

NEW YORK STATE EDUCATION DEPT., ALBANY. BUREAU OF SECONDARY CURRICULUM DEVELOPMENT.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 74 129P.; COMPANION DOCUMENT IN THIS ISSUE AS VT 101 647.

DESCRIPTORS - *DIRECTORIES; *AGRICULTURAL EDUCATION; *SCHEDULE MODULES; LEARNING ACTIVITIES; *AGRICULTURAL OCCUPATIONS; PROGRAM PLANNING

ABSTRACT - THIS DIRECTORY CONTAINS DESCRIPTIONS OF ALL AGRICULTURAL EDUCATION MODULES DEVELOPED TO DATE. DIVISION OR UNITS OF CONTENT AND SUGGESTED TIME ALLOCATIONS FOR EACH MODULE ARE PROVIDED AS A BASE FOR PROGRAM PLANNING. THIS VOLUME IS INTENDED FOR ADMINISTRATORS, GUIDANCE COUNSELORS, AND TEACHERS TO AID IN SELECTING MODULES TO BE OFFERED TO MEET THE OCCUPATIONAL OBJECTIVES IDENTIFIED BY STUDENTS. THE DESCRIPTION OF LEARNING ACTIVITIES WILL HELP CLARIFY FOR STUDENTS THEIR REASONS FOR SELECTING A MODULE. HOME SCHOOL PERSONNEL WILL FIND USEFUL INFORMATION FOR SCHEDULING STUDENTS IN AGRICULTURALLY RELATED PROGRAMS IN THE AREAS OF AGRICULTURAL PRODUCTION, AGRICULTURAL SUPPLIES AND SERVICES, AGRICULTURAL MECHANICS, ORNAMENTAL HORTICULTURE, AGRICULTURAL RESOURCES, FORESTRY, AND LEADERSHIP DEVELOPMENT. THIS PUBLICATION IS A COMPANION TO MODULAR DESIGN APPROACH FOR AGRICULTURAL EDUCATION (VT 101 647). (AUTHOR/LJ)

VT 101 627
CARPENTER, BRUCE
DEVELOPMENT OF INSTRUCTIONAL UNITS IN AGRICULTURAL MECHANICS FOR TEACHERS OF SECONDARY PROGRAMS IN VOCATIONAL AGRICULTURE.

KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 01DEC74 63P.

DESCRIPTORS - *VOCATIONAL AGRICULTURE; *TEACHER DEVELOPED MATERIALS; *INSTRUCTIONAL MATERIALS; *MATERIAL DEVELOPMENT; AGRICULTURAL ENGINEERING; SECONDARY GRADES

ABSTRACT - TWO TEACHING UNITS ARE INCLUDED AS PROTOTYPE PRODUCTS OF THIS REPORT ON THE PREPARATION OF TEACHING MATERIALS IN THE AREA OF VOCATIONAL AGRICULTURE FOR SECONDARY SCHOOLS. STEPS IN THE PROCESS OF DEVELOPING THE MATERIALS ARE OUTLINED AND ILLUSTRATIONS GIVEN CONCERNING THE USE OF RESOURCES, COPYRIGHTED MATERIALS, QUOTES FROM PUBLISHED AUTHORS, AND CORRESPONDENCE WITH EDITORS, AUTHORS, AND PUBLISHERS. A UNIT ON SPRAY PAINTING AND ONE ON JOB FAMILIES ILLUSTRATE THE PRINCIPLES STRESSED IN PRODUCING TEACHING MATERIALS. (AUTHOR/MU)

VT 101 812
MEYERHOLTZ, ROBERT
MINI-GRANT TO DEVELOP A SLIDE PRESENTATION OF PLANT SPECIMENS FOR USE IN VOCATIONAL HORTICULTURE, A. FINAL REPORT.

EVANSVILLE-VANDERBURGH SCHOOL CORP., IND.
INDIANA STATE DEPT. OF PUBLIC INSTRUCTION, INDIANAPOLIS. DIV OF VOCATIONAL EDUCATION.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - 10MAR75 20P.

DESCRIPTORS - *PLANT IDENTIFICATION; *LANDSCAPING; DEVELOPMENTAL PROGRAMS; ADVISORY COMMITTEES; SLIDES; SCRIPTS
IDENTIFIERS - INDIANA

ABSTRACT - ONE OF THE MAJOR PROBLEMS IN TEACHING VOCATIONAL LANDSCAPING COURSES IS FINDING SUITABLE PLANT MATERIALS AND AUDIOVISUALS FOR STUDENT USE IN PLANT IDENTIFICATION. A SLIDE SERIES WAS NEEDED FOR STUDY OF THE 52 MOST USED PLANTS IN INDIANA. AN ADVISORY COMMITTEE OF LOCAL LANDSCAPE ARCHITECTS AND NURSERYMEN COOPERATED IN DEVELOPING THE PLANT INFORMATION AND IN LOCATING EACH SPECIMEN FOR PHOTOGRAPHING. A TAPE NARRATION WAS DEVELOPED FOR USE WITH THE SLIDES. NOT DIRECTLY RELATED TO THE PROGRAM WAS A FINDING THAT ALL OF THE COMMITTEE MEMBERS HAD HAD DIFFERENT LANDSCAPING REASONS FOR USING A PARTICULAR PLANT. AFTER GETTING TOGETHER ON THE PLANT LISTING AND IDENTIFICATION THEY BEGAN USING THE BASIC PLANT LIST FOR THE SAME BASIC REASONS. THE SLIDE AND TAPE SERIES AND THE MOUNTED SPECIMENS MAY BE USED FOR CLASSROOM INSTRUCTION. THE DOCUMENT INCLUDES THE SCRIPT ENTITLED "COMMONLY USED SHRUBS, GROUNDCOVERS AND TREES IN INDIANA." THE TAPE NARRATION WAS DEVELOPED FROM THIS SCRIPT. (MF)

VT 101 822
CAMPBELL, ROBERT A.
A GUIDE TO GRADING FEATURES IN SOUTHERN PINE LOGS AND TREES.

FOREST SERVICE (DOA), ASHEVILLE, N.C. SOUTHEASTERN FOREST EXPERIMENT STATION.
MF AVAILABLE IN VT-ERIC SET.
STATION-PAPER-156
PUB DATE - 73 26P.; REPRINTED BY MISSISSIPPI STATE UNIVERSITY RESEARCH AND CURRICULUM UNIT FOR VOCATIONAL AND TECHNICAL EDUCATION.

DESCRIPTORS - *TREES; *GRADING; *GUIDES; DISEASES; INJURIES; *LUMBER INDUSTRY; *SOUTHERN STATES

ABSTRACT - THE MEASURE OF QUALITY OF A LOG OR TREE IS DEPENDENT ON THE PRODUCTS IT WILL YIELD. FOR EXAMPLE, LUMBER IS GREATLY AFFECTED BY SUCH GROSS CHARACTERISTICS OF THE TREE AS LIMBS, KNOTS, CONKS, SWEEP, SCARS, ETC. THIS GUIDE WAS PREPARED AS A HELP IN UNDERSTANDING THESE CHARACTERISTICS AND THEIR EFFECT ON THE TYPE OF LUMBER PRODUCED FROM SOUTHERN PINE LOGS. THESE LOG GRADES WERE DEVELOPED DURING 15 YEARS OF STUDY AND HAVE BEEN APPROVED FOR FOREST SERVICE USE. THE GUIDE IS SUPPLEMENTAL TO THE GRADING SYSTEM AND IS INTENDED AS AN AID TO THE APPLICATION AND USE OF THE LOG GRADES. THE ONLY END PRODUCT TO WHICH THE LOG GRADES AND THIS GUIDE APPLY IS LUMBER IN THE STANDARD GRADES AND SIZES AS DEFINED BY THE SOUTHERN PINE INSPECTION BUREAU. (MF)

VT 101 860
ALTSTADT, RALPH A.

AN ANALYSIS OF THE TURF SPECIALIST OCCUPATION.

OHIO STATE UNIV., COLUMBUS. INSTRUCTIONAL MATERIALS LAB. (TRADE AND INDUSTRIAL EDUCATION).
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 94P.; SEE RELATED DOCUMENTS IN THIS ISSUE AS VT 101 823 THRU VT 101 859 AND VT 101 861 THRU VT 101 874.

DESCRIPTORS - *TASK ANALYSIS; *TURF MANAGEMENT; *JOB SKILLS; *OCCUPATIONAL INFORMATION; TASK PERFORMANCE; EQUIPMENT UTILIZATION

ABSTRACT - THE OCCUPATIONAL ANALYSIS PROJECT WAS CONDUCTED FROM JUNE 1, 1973 TO DECEMBER 30, 1974 TO TRAIN VOCATIONAL TEACHERS IN THE TECHNIQUES OF MAKING A COMPREHENSIVE OCCUPATIONAL ANALYSIS. EACH ANALYSIS INCLUDES A STATEMENT OF THE VARIOUS TASKS PERFORMED IN AN OCCUPATION, WITH THE APPROPRIATE ITEMS IDENTIFIED FOR EACH TASK: TOOLS AND EQUIPMENT, PROCEDURAL KNOWLEDGE, SAFETY KNOWLEDGE, MATHEMATICS SKILLS, AND SCIENCE AND COMMUNICATION NEEDED FOR SUCCESSFUL PERFORMANCE. THE ANALYSIS DATA PROVIDED A BASIS FOR GENERATING INSTRUCTIONAL MATERIALS, COURSE OUTLINES, STUDENT PERFORMANCE OBJECTIVES, CRITERION MEASURES, AND SUPPORTING SKILLS IN THE ACADEMIC AREAS. THE OCCUPATIONAL ANALYSIS IN THIS VOLUME COVERS DUTIES OF A TURF SPECIALIST INVOLVING PLANTING, RAISING, AND CARING FOR SOD AND TURF IN PUBLIC OR PRIVATE AREAS. (AUTHOR/MF)

VT 101 861
CHEETWOOD, JOHN E.; CONNELL, JOHN R.
AN ANALYSIS OF THE RETAIL FLORIST OCCUPATION.

OHIO STATE UNIV., COLUMBUS. INSTRUCTIONAL MATERIALS LAB. (TRADE AND INDUSTRIAL EDUCATION).
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 64P.; SEE RELATED DOCUMENTS IN THIS ISSUE AS VT 101 823 THRU VT 101 860 AND VT 101 862 THRU VT 101 874.

DESCRIPTORS - *TASK ANALYSIS; *FLORICULTURE; *RETAILING; *JOB SKILLS; *OCCUPATIONAL INFORMATION; TASK PERFORMANCE; EQUIPMENT UTILIZATION

ABSTRACT - THE OCCUPATIONAL ANALYSIS PROJECT WAS CONDUCTED FROM JUNE 1, 1973 TO DECEMBER 30, 1974 TO TRAIN VOCATIONAL TEACHERS IN THE TECHNIQUES OF MAKING A COMPREHENSIVE OCCUPATIONAL ANALYSIS. EACH ANALYSIS INCLUDES A STATEMENT OF THE VARIOUS TASKS PERFORMED IN AN OCCUPATION, WITH THE APPROPRIATE ITEMS IDENTIFIED FOR EACH TASK: TOOLS AND EQUIPMENT, PROCEDURAL KNOWLEDGE, SAFETY KNOWLEDGE, MATHEMATICS SKILLS, AND SCIENCE AND COMMUNICATION NEEDED FOR SUCCESSFUL PERFORMANCE. THE ANALYSIS DATA PROVIDED A BASIS FOR GENERATING INSTRUCTIONAL MATERIALS, COURSE OUTLINES, STUDENT PERFORMANCE OBJECTIVES, CRITERION MEASURES, AND SUPPORTING SKILLS IN THE ACADEMIC AREAS. IN THIS VOLUME THE RETAIL FLORIST OCCUPATION IS ANALYZED. AS THE RETAIL FLORIST IS BOTH DESIGNER AND SALESPERSON, THE ANALYSIS EMPHASIZES PSYCHOLOGICAL FACTORS, I.E., SENSITIVITY TO CUSTOMERS' NEEDS. (AUTHOR/MF)

VT 101 863
LUCAL, KARLE A.
AN ANALYSIS OF THE WHOLESALE FLORIST OCCUPATION.

OHIO STATE UNIV., COLUMBUS. INSTRUCTIONAL MATERIALS LAB. (TRADE AND INDUSTRIAL EDUCATION).
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 88P.; SEE RELATED DOCUMENTS IN THIS ISSUE AS VT 101 823 THRU VT 101 862 AND VT 101 864 THRU VT 101 874.

DESCRIPTORS - *TASK ANALYSIS; *FLORICULTURE; *WHOLESALING; *JOB

SKILLS; *OCCUPATIONAL INFORMATION; TASK PERFORMANCE; EQUIPMENT UTILIZATION

ABSTRACT - THE OCCUPATIONAL ANALYSIS PROJECT WAS CONDUCTED FROM JUNE 1, 1973 TO DECEMBER 30, 1974 TO TRAIN VOCATIONAL TEACHERS IN THE TECHNIQUES OF MAKING A COMPREHENSIVE OCCUPATIONAL ANALYSIS. EACH ANALYSIS INCLUDES A STATEMENT OF THE VARIOUS TASKS PERFORMED IN AN OCCUPATION, WITH THE APPROPRIATE ITEMS IDENTIFIED FOR EACH TASK: TOOLS AND EQUIPMENT, PROCEDURAL KNOWLEDGE, SAFETY KNOWLEDGE, MATHEMATICS SKILLS, AND SCIENCE AND COMMUNICATION NEEDED FOR SUCCESSFUL PERFORMANCE. THE ANALYSIS DATA PROVIDED A BASIS FOR GENERATING INSTRUCTIONAL MATERIALS, COURSE OUTLINES, STUDENT PERFORMANCE OBJECTIVES, CRITERION MEASURES, AND SUPPORTING SKILLS IN THE ACADEMIC AREAS. THE PRINCIPAL JOBS OF A WHOLESALE FLORIST ARE ANALYZED IN THIS VOLUME. (AUTHOR/MF)

VT 101 872
HARBAGE, MONROE; LECHNER, DONALD L.
AN ANALYSIS OF THE HORTICULTURE EQUIPMENT AND SERVICES OCCUPATION.

OHIO STATE UNIV., COLUMBUS. INSTRUCTIONAL MATERIALS LAB. (TRADE AND INDUSTRIAL EDUCATION).
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 226P.; SEE RELATED DOCUMENTS IN THIS ISSUE AS VT 101 823 THRU VT 101 871 AND VT 101 873 THRU VT 101 874.

DESCRIPTORS - *TASK ANALYSIS; *HORTICULTURE; *AGRICULTURAL MACHINERY; EQUIPMENT MAINTENANCE; *JOB SKILLS; *OCCUPATIONAL INFORMATION; TASK PERFORMANCE; EQUIPMENT UTILIZATION

ABSTRACT - THE OCCUPATIONAL ANALYSIS PROJECT WAS CONDUCTED FROM JUNE 1, 1973 TO DECEMBER 30, 1974 TO TRAIN VOCATIONAL TEACHERS IN THE TECHNIQUES OF MAKING A COMPREHENSIVE OCCUPATIONAL ANALYSIS. EACH ANALYSIS INCLUDES A STATEMENT OF THE VARIOUS TASKS PERFORMED IN AN OCCUPATION, WITH THE APPROPRIATE ITEMS IDENTIFIED FOR EACH TASK: TOOLS AND EQUIPMENT, PROCEDURAL KNOWLEDGE, SAFETY KNOWLEDGE, MATHEMATICS SKILLS, AND SCIENCE AND COMMUNICATION NEEDED FOR SUCCESSFUL PERFORMANCE. THE ANALYSIS DATA PROVIDED A BASIS FOR GENERATING INSTRUCTIONAL MATERIALS, COURSE OUTLINES, STUDENT PERFORMANCE OBJECTIVES, CRITERION MEASURES, AND SUPPORTING SKILLS IN THE ACADEMIC AREAS. THIS VOLUME ANALYZES TASKS IN THE HORTICULTURE EQUIPMENT AND SERVICES OCCUPATION. THE AREAS COVERED ALLOW INSTRUCTION IN ANY AREA OF MAINTENANCE OF TOOLS OR EQUIPMENT, WITH TASKS ON IDENTIFYING, MAINTAINING, OVERHAULING, OR TEST OPERATING EQUIPMENT RELATED TO THE HORTICULTURE INDUSTRY. (AUTHOR/MF)

VT 101 873
HOWSMON, RONALD L.
AN ANALYSIS OF THE GARDEN CENTER OCCUPATION.

OHIO STATE UNIV., COLUMBUS. INSTRUCTIONAL MATERIALS LAB. (TRADE AND INDUSTRIAL EDUCATION).
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 88P.; SEE RELATED DOCUMENTS IN THIS ISSUE AS VT 101 823 THRU VT 101 872 AND VT 101 874.

DESCRIPTORS - *TASK ANALYSIS; *NURSERY WORKERS (HORTICULTURE); *ORNAMENTAL HORTICULTURE OCCUPATION; *JOB SKILLS; *OCCUPATIONAL INFORMATION; TASK PERFORMANCE; EQUIPMENT UTILIZATION

ABSTRACT - THE OCCUPATIONAL ANALYSIS PROJECT WAS CONDUCTED FROM JUNE 1, 1973 TO DECEMBER 30, 1974 TO TRAIN VOCATIONAL TEACHERS IN THE TECHNIQUES OF MAKING A COMPREHENSIVE OCCUPATIONAL ANALYSIS. EACH ANALYSIS INCLUDES A STATEMENT OF THE VARIOUS TASKS PERFORMED IN AN OCCUPATION, WITH THE APPROPRIATE ITEMS IDENTIFIED

FOR EACH TASK: TOOLS AND EQUIPMENT, PROCEDURAL KNOWLEDGE, SAFETY KNOWLEDGE, MATHEMATICS SKILLS, AND SCIENCE AND COMMUNICATION NEEDED FOR SUCCESSFUL PERFORMANCE. THE ANALYSIS DATA PROVIDED A BASIS FOR GENERATING INSTRUCTIONAL MATERIALS, COURSE OUTLINES, STUDENT PERFORMANCE OBJECTIVES, CRITERION MEASURES, AND SUPPORTING SKILLS IN THE ACADEMIC AREAS. TASKS OF THE GARDEN CENTER WORKER ARE ANALYZED IN THIS VOLUME. THIS PERSON PERFORMS A VARIETY OF DUTIES RANGING FROM CARING FOR PLANTS AND EQUIPMENT TO MAKING SALES AND MAINTAINING INVENTORY. (AUTHOR/MF)

VT 101 874
STEMPLE, LYNN L.; DILLEY, JOHN E.
AN ANALYSIS OF THE LANDSCAPING OCCUPATION.

OHIO STATE UNIV., COLUMBUS. INSTRUCTIONAL MATERIALS LAB. (TRADE AND INDUSTRIAL EDUCATION).
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AVAILABLE IN VT-ERIC SET.
PUB DATE - ND 568P.; SEE RELATED DOCUMENTS IN THIS ISSUE AS VT 101 823 THRU VT 101 873.

DESCRIPTORS - *TASK ANALYSIS; *LANDSCAPING; *JOB SKILLS; *OCCUPATIONAL INFORMATION; TASK PERFORMANCE; EQUIPMENT UTILIZATION

ABSTRACT - THE OCCUPATIONAL ANALYSIS PROJECT WAS CONDUCTED FROM JUNE 1, 1973 TO DECEMBER 30, 1974 TO TRAIN VOCATIONAL TEACHERS IN THE TECHNIQUES OF MAKING A COMPREHENSIVE OCCUPATIONAL ANALYSIS. EACH ANALYSIS INCLUDES A STATEMENT OF THE VARIOUS TASKS PERFORMED IN AN OCCUPATION, WITH THE APPROPRIATE ITEMS IDENTIFIED FOR EACH TASK: TOOLS AND EQUIPMENT, PROCEDURAL KNOWLEDGE, SAFETY KNOWLEDGE, MATHEMATICS SKILLS, AND SCIENCE AND COMMUNICATION NEEDED FOR SUCCESSFUL PERFORMANCE. THE ANALYSIS DATA PROVIDED A BASIS FOR GENERATING INSTRUCTIONAL MATERIALS, COURSE OUTLINES, STUDENT PERFORMANCE OBJECTIVES, CRITERION MEASURES, AND SUPPORTING SKILLS IN THE ACADEMIC AREAS. TASK ANALYSES IN THE FIELD OF LANDSCAPING ARE PRESENTED IN THIS VOLUME. THE FIELD CONSISTS OF FOUR AREAS: NURSERY WORKER, LANDSCAPE PLANTER, LANDSCAPE MAINTENANCE WORKER, AND LANDSCAPE DESIGNER AND CONSULTANT. EACH AREA NEEDS THE KNOWLEDGE AND SKILLS OF THE PRECEDING AREA, THUS THE DESIGNER REQUIRES THE MOST ABILITY. (AUTHOR/MF)

VT 101 975
SIMS, JAMES, AND OTHERS
HORTICULTURE. GROUNDS MAINTENANCE EMPLOYEE.

WYMORE VOCATIONAL TECHNICAL CENTER, EATONVILLE, FLA.
ORANGE COUNTY PUBLIC SCHOOLS, ORLANDO, FLA.; BUREAU OF OCCUPATIONAL AND ADULT EDUCATION (DHEW/OE), WASHINGTON, D.C.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
OEC-0-73-6370
ORANGE COUNTY CAREER DEVELOPMENT PROGRAM; 410 WOODS AVENUE; ORLANDO FLORIDA 32805.
PUB DATE - 73 110P.; RELATED DOCUMENT VT 101 974 IN THIS ISSUE.

DESCRIPTORS - *GROUNDS KEEPERS; *TURF MANAGEMENT; *LEARNING ACTIVITIES; *CURRICULUM GUIDES; *INDIVIDUALIZED INSTRUCTION; TRADE AND INDUSTRIAL EDUCATION; JOB SKILLS; HORTICULTURE

ABSTRACT - THIS UNIT OF INDIVIDUALIZED LEARNING ACTIVITIES IS DESIGNED TO PROVIDE TRAINING IN GROUNDS MAINTENANCE. THE MATERIALS IN THE UNIT ARE DIVIDED INTO TWO SECTIONS. THE DEVELOPMENTAL OR PRELIMINARY PHASE IS FOR USE BY THE INSTRUCTOR AND INCLUDES BRIEF DESCRIPTIONS OF THE JOB AND OF THE STUDENT POPULATION, ALONG WITH LISTINGS OF THE SPECIFIC TASKS, COURSE PREREQUISITES AND OBJECTIVES. THE CURRICULUM PHASE, FOR USE BY THE STUDENT, CONTAINS DIRECTIONS, OBJECTIVES, LEARNING ACTIVITIES, PRE- AND POST TESTS. THESE TWO COMPONENTS TOGETHER FORM A "JOB ENTRY", A UNIT OF WORK WHICH, WHEN COMPLETED BY THE

STUDENT, INSURES HIS TRAINING IN A DESIGNATED JOB SKILL. SUGGESTIONS ARE INCLUDED TO AID THE INSTRUCTOR IN HIS ROLE AS GUIDE IN THE INDIVIDUALIZED INSTRUCTION FORMAT. (NJ)

VT 102 041
MAZZUCCO, APRIL
SELECTED REFERENCES AND AIDS FOR TEACHING AGRICULTURAL MECHANICS TO STUDENTS OF AGRICULTURAL EDUCATION.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. DIV. OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 75 56P.

DESCRIPTORS - *AGRICULTURAL EDUCATION; *RESOURCE UNITS; *AGRICULTURAL ENGINEERING

ABSTRACT - THIS RESOURCE UNIT CONTAINS REFERENCES AVAILABLE TO THE TEACHER AND STUDENT OF AGRICULTURAL MECHANICS. THE MATERIAL IS DRAWN FROM PRIVATE INDUSTRIES, STATE UNIVERSITIES, STATE GOVERNMENTS, AND GOVERNMENT PUBLICATIONS. THE REFERENCES ARE ARRANGED ACCORDING TO NINE MAJOR TOPICS OF AGRICULTURAL MECHANICS. EACH TOPIC IS BROKEN DOWN INTO COMMERCIAL OR INDUSTRIAL PUBLICATIONS, AUDIOVISUAL AIDS, AND TEXTBOOKS AND BULLETINS. (AUTHOR/NJ)

VT 102 042
MOODY, SIDNEY B.
F.F.A. LEADERSHIP HANDBOOK.

MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 74 76P.

DESCRIPTORS - VOCATIONAL AGRICULTURE; *LEADERSHIP TRAINING; *STUDENT ORGANIZATIONS; YOUTH LEADERS; *LEADERS GUIDES
IDENTIFIERS - FUTURE FARMERS OF AMERICA; FFA

ABSTRACT - THIS HANDBOOK IS WRITTEN FOR THE NEW OR PROSPECTIVE MEMBER OF FUTURE FARMERS OF AMERICA (FFA) AND PROVIDES A GENERAL ORIENTATION TO THE ORGANIZATION. IT PRESENTS INFORMATION ABOUT THE CLUB AND GUIDELINES FOR ITS OFFICERS. THE CHARACTERISTICS OF LEADERSHIP AND RESPONSIBLE MEMBERSHIP ARE DISCUSSED. SUGGESTIONS FOR SELF-IMPROVEMENT ARE OFFERED, ALONG WITH TIPS FOR INTRODUCING SPEAKERS, PRESENTING AND RECEIVING AWARDS, AND PUBLIC SPEAKING. (NJ)

VT 102 049
ASHLOCK, IRVIN H.; IVERSON, MAYNARD J.
GREENHOUSE MANAGEMENT. AN INSTRUCTIONAL UNIT FOR TEACHERS OF ADULT VOCATIONAL EDUCATION IN AGRICULTURE.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 72 91P.; SEE RELATED DOCUMENTS VT 102 050 THRU 102 060 IN THIS ISSUE.

DESCRIPTORS - *ADULT VOCATIONAL EDUCATION; *TEACHING GUIDES; CURRICULUM; *INSTRUCTIONAL MATERIALS; *NURSERY WORKERS (HORTICULTURE); COURSE CONTENT; AGRICULTURAL EDUCATION; *GREENHOUSES
IDENTIFIERS - KENTUCKY

ABSTRACT - THIS UNIT WAS DEVELOPED AS A GUIDE FOR USE BY TEACHERS IN PLANNING AND CONDUCTING ADULT CLASSES IN HORTICULTURE. THE TARGET AUDIENCE IS ADULTS EMPLOYED IN AGRICULTURE IN KENTUCKY. BECAUSE OF THE DIVERSITY IN AGE, EXPERTISE, AND EXPERIENCE LEVELS OF CLASS MEMBERS AND INSTRUCTORS, THE UNIT WAS DESIGNED TO COVER THE BASIC AREAS OF GREENHOUSE MANAGEMENT. SEVEN LESSONS HAVE BEEN INCLUDED WHICH MAY BE MODIFIED OR EXPANDED TO SUIT EACH PARTICULAR COURSE. LESSONS ARE IN OUTLINE FORM WITH

THE MAJOR HEADINGS OF OBJECTIVE, PROBLEM AND ANALYSIS, CONTENT, AND SUGGESTIONS FOR TEACHING THE LESSON. SUPPLEMENTARY MATERIALS IN THE FORM OF ILLUSTRATIONS AND CHARTS IS PROVIDED. APPENDED ARE UNIT PLANNING FORMS AND A UNIT EVALUATION INSTRUMENT. (LJ)

VT 102 050
WISE, JACK; IVERSON, MAYNARD J.
LAND USE. AN INSTRUCTIONAL UNIT FOR TEACHERS OF ADULT VOCATIONAL EDUCATION IN AGRICULTURE.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 73 163P.; SEE RELATED DOCUMENTS VT 102 049 AND VT 102 051 THRU 102 060 IN THIS ISSUE.

DESCRIPTORS - *LAND USE; *AGRICULTURE; *ADULT FARMER EDUCATION; *INSTRUCTIONAL MATERIALS; *LESSON PLANS; SOIL CONSERVATION; SOIL SCIENCE; CONSERVATION EDUCATION; WATER RESOURCES
IDENTIFIERS - KENTUCKY

ABSTRACT - AN ADULT FARMER COURSE DESIGNED TO DEVELOP THE EFFECTIVE ABILITY OF LAND HOLDERS TO PLAN FOR AND IMPLEMENT WISE LAND USE IS PRESENTED. THE UNIT CONSISTS OF EIGHT LESSON PLANS: (1) THE IMPORTANCE OF LAND USE, (2) THE PHYSICAL AND CHEMICAL PROPERTIES OF THE SOIL, (3) SOIL TESTING AS A TOOL OF LAND USE, (4) BALANCED FERTILIZATION OF SOILS, (5) SELECTION OF PRODUCTIVE PROGRAMS BASED ON WISE LAND USE, (6) SOIL AND WATER CONSERVATION, (7) SOIL AND WATER FOR RURAL USE, AND (8) SOIL AND WATER FOR URBAN USE. MASTERS FOR TRANSPARENCIES ARE INCLUDED FOR EACH LESSON. IN ADDITION, A TEACHING PLAN FOR THE COURSE, A TOPIC PLANNING FORM, AND A RESOURCE MATERIAL LIST ARE APPENDED. (VA)

VT 102 051
CHUMBLER, FRED, JR.; IVERSON, MAYNARD J.
FARM FINANCE. A KEY TO THE FARM BUSINESS. AN INSTRUCTIONAL UNIT FOR TEACHERS OF ADULT VOCATIONAL EDUCATION IN AGRICULTURE.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - ND 98P.; SEE RELATED DOCUMENTS VT 102 049, VT 102 050 AND VT 102 052 THRU 102 060 IN THIS ISSUE.

DESCRIPTORS - *ADULT FARMER EDUCATION; *TEACHING GUIDES; *INSTRUCTIONAL MATERIALS; *FARM MANAGEMENT; CURRICULUM; AGRICULTURAL EDUCATION; COURSE CONTENT
IDENTIFIERS - KENTUCKY

ABSTRACT - THIS DOCUMENT PRESENTS AN ADULT-FARMER COURSE IN FARM FINANCE. IT WAS DEVELOPED ESPECIALLY FOR TEACHING ADULTS EMPLOYED IN AGRICULTURE IN KENTUCKY. BECAUSE OF THE DIVERSITY IN AGE, EXPERTISE, AND EXPERIENCE LEVELS OF CLASS MEMBERS AND INSTRUCTORS, THE UNIT WAS DESIGNED TO COVER THE BASIC AREAS OF FARM FINANCE. SIX LESSONS HAVE BEEN INCLUDED WHICH MAY BE MODIFIED OR EXPANDED TO SUIT EACH PARTICULAR COURSE. LESSONS ARE IN OUTLINE FORM WITH THE MAJOR HEADINGS OF OBJECTIVE, PROBLEM ANALYSIS, CONTENT, AND SUGGESTIONS FOR TEACHING THE LESSON. SUPPLEMENTARY MATERIAL IN THE FORM OF ILLUSTRATIONS AND CHARTS IS PROVIDED. APPENDED ARE CLASS PLANNING FORMS AND A UNIT EVALUATION INSTRUMENT. (AUTHOR/LJ)

VT 102 052
HAMMER, JAMES L.; IVERSON, MAYNARD J.
CROP STORAGE AND HANDLING. AN INSTRUCTIONAL UNIT FOR ADULT VOCATIONAL EDUCATION IN

AGRICULTURE.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - ND 158P.; SEE RELATED DOCUMENTS VT 102 049 THRU 102 051 AND VT 102 053 THRU 102 060 IN THIS ISSUE.

DESCRIPTORS - *FIELD CROPS; *AGRICULTURAL PRODUCTION; *FEED INDUSTRY; *ADULT FARMER EDUCATION; YOUNG FARMER EDUCATION; CURRICULUM GUIDES; TEACHING GUIDES; *INSTRUCTIONAL MATERIALS; LESSON PLANS; GRAINS (FOOD)
IDENTIFIERS - KENTUCKY

ABSTRACT - FARM OUTPUT PROJECTIONS SHOW INCREASES FOR ALL FARM PRODUCTS, WITH LARGE INCREASES NEEDED IN FEED GRAINS. THIS INSTRUCTIONAL UNIT WAS DEVELOPED TO PROMOTE THE EFFECTIVE ABILITY OF PRODUCERS TO PLAN AND DEVELOP A SYSTEM OF STORING AND HANDLING HOME GROWN GRAIN CROPS FOR MAXIMUM PROFITS. THE UNIT IS STRUCTURED IN EIGHT LESSONS WHICH CAN BE ADAPTED TO FIT A PARTICULAR TEACHING SITUATION. IT WAS DESIGNED FOR USE AS A GUIDE BY TEACHERS IN PLANNING AND CONDUCTING YOUNG ADULT AND ADULT FARMER CLASSES. TRANSPARENCY AND HANDOUT MASTERS ARE FOUND AT THE END OF EACH LESSON IN THE UNIT. IN ADDITION, SEVERAL SUGGESTIONS FOR SUPPLEMENTARY ENRICHMENT ACTIVITIES ARE LISTED FOR EACH LESSON. (AUTHOR/VA)

VT 102 053
IRISH, PAUL; IVERSON, MAYNARD J.
SOYBEAN PRODUCTION AND MARKETING. AN INSTRUCTIONAL UNIT FOR TEACHERS OF ADULT EDUCATION IN AGRICULTURE.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 72 92P.; SEE RELATED DOCUMENTS VT 102 049 THRU 102 052 AND VT 102 054 THRU 102 060 IN THIS ISSUE.

DESCRIPTORS - *AGRICULTURAL PRODUCTION; *ADULT FARMER EDUCATION; *YOUNG FARMER EDUCATION; *CURRICULUM GUIDES; *INSTRUCTIONAL MATERIALS; TEACHING GUIDES; LESSON PLANS; FIELD CROPS
IDENTIFIERS - KENTUCKY

ABSTRACT - THIS INSTRUCTIONAL UNIT WAS DEVELOPED FOR USE AS A GUIDE FOR PLANNING AND TEACHING ADULT OR YOUNG FARMER CLASSES IN KENTUCKY. THE UNIT CONSISTS OF TWELVE LESSONS COVERING VARIOUS ASPECTS OF SOYBEAN PRODUCTION AND MARKETING. THE COURSE OBJECTIVE IS TO DEVELOP THE EFFECTIVE ABILITY OF FARMERS TO PLAN FOR PROFITABLE SOYBEAN PRODUCTION. TRANSPARENCY AND HANDOUT MASTERS ARE INCLUDED AT THE END OF EACH LESSON IN THE UNIT. (AUTHOR/VA)

VT 102 054
METZGER, BRUCE; IVERSON, MAYNARD J.
BEEF CATTLE PRODUCTION. AN INSTRUCTIONAL UNIT FOR TEACHERS OF ADULT VOCATIONAL EDUCATION IN AGRICULTURE.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 74 134P.; SEE RELATED DOCUMENTS VT 102 049 THRU 102 053 AND VT 102 055 THRU 102 060 IN THIS ISSUE.

DESCRIPTORS - *AGRICULTURAL PRODUCTION; *LIVESTOCK; *ADULT FARMER EDUCATION; *INSTRUCTIONAL MATERIALS; *CURRICULUM GUIDES; TEACHING GUIDES; LESSON PLANS
IDENTIFIERS - KENTUCKY

ABSTRACT - THIS UNIT ON BEEF CATTLE PRODUCTION IS DESIGNED PRIMARILY FOR THE ADULT FARMER PROGRAM IN

KENTUCKY AS AN AID TO MAKING THE BEEF ENTERPRISE MORE PROFITABLE. IT IS AIMED PRIMARILY AT THE COMMERCIAL PRODUCER. THE LESSONS CENTER ON SOME OF THE MORE IMPORTANT ECONOMIC POINTS IN BEEF CATTLE PRODUCTION. TEN LESSONS COMPRISE THE UNIT, WHICH CAN BE ADAPTED FOR LOCAL NEEDS AND SITUATIONS. SEVERAL SUGGESTIONS FOR SUPPLEMENTARY ENRICHMENT ACTIVITIES ARE LISTED FOR EACH LESSON. (VA)

VT 102 055
GRACE, CLYDE, JR.; IVERSON, MAYNARD J.
CORN PRODUCTION AND MARKETING. AN INSTRUCTIONAL UNIT FOR TEACHERS OF ADULT VOCATIONAL EDUCATION IN AGRICULTURE.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 74 116P.; SEE RELATED DOCUMENTS VT 102 049 THRU 102 054 AND VT 102 056 THRU 102 060 IN THIS ISSUE.

DESCRIPTORS - *CORN (FIELD CROP); *AGRICULTURAL PRODUCTION; *INSTRUCTIONAL MATERIALS; *CURRICULUM GUIDES; *ADULT FARMER EDUCATION; YOUNG FARMER EDUCATION; TEACHING GUIDES; LESSON PLANS; AGRONOMY

ABSTRACT - THE INSTRUCTIONAL UNIT DESIGNED TO DEVELOP THE EFFECTIVE ABILITY OF FARMERS TO PRODUCE, HARVEST, STORE AND MARKET CORN PROFITABLY IS STRUCTURED IN ELEVEN LESSONS. THE UNIT WAS DEVELOPED AS A GUIDE FOR USE BY TEACHERS IN PLANNING AND CONDUCTING YOUNG FARMER OR ADULT FARMER CLASSES. THE SPECIFIC TOPIC AREAS INCLUDE VARIETIES OF CORN, PRINCIPLES OF GERMINATION, AND THE IDENTIFICATION, PREVENTION AND CONTROL OF CORN DISEASES. TRANSPARENCY AND HANDOUT MASTERS ARE INCLUDED FOR EACH LESSON. (VA)

VT 102 056
GREER, JERRY W.; IVERSON, MAYNARD J.
FORAGE HANDLING. AN INSTRUCTIONAL UNIT FOR TEACHERS OF ADULT VOCATIONAL EDUCATION IN AGRICULTURE.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 73 93P.; SEE RELATED DOCUMENTS VT 102 049 THRU 102 055 AND VT 102 057 THRU 102 060 IN THIS ISSUE.

DESCRIPTORS - *ADULT FARMER EDUCATION; *YOUNG FARMER EDUCATION; *HARVESTING; *CURRICULUM GUIDES; *INSTRUCTIONAL MATERIALS; TEACHING GUIDES; LESSON PLANS; AGRICULTURAL MACHINERY; AGRICULTURAL EDUCATION
IDENTIFIERS - KENTUCKY

ABSTRACT - THIS UNIT OF INSTRUCTION IS DESIGNED FOR USE BY TEACHERS IN PLANNING AND CONDUCTING YOUNG FARMER AND ADULT FARMER CLASSES. THE PURPOSE OF THIS COURSE IS TO DEVELOP THE EFFECTIVE ABILITY OF FARMERS TO EFFICIENTLY HANDLE FORAGES FOR ECONOMIC LIVESTOCK FEED ON KENTUCKY FARMS. THE UNIT IS DIVIDED INTO FIVE LESSONS. THE OBJECTIVE FOR EACH LESSON FOLLOWS: (1) DETERMINE THE EXTENT OF MECHANIZATION OF FORAGE HANDLING DESIRABLE IN ORDER TO PRODUCE THE MOST ECONOMICAL FEED, (2) HARVEST FORAGES BY GRAZING, (3) HARVEST AND STORE FORAGES IN BARN TYPE STRUCTURES, (4) HARVEST, STORE, AND FEED SILAGE, AND (5) HARVEST, STORE AND FEED FORAGES IN THE FIELD. TRANSPARENCY AND HANDOUT MASTERS ARE FOUND AT THE END OF EACH LESSON IN THE UNIT. (VA)

VT 102 057
HARRISON, KENNETH M.; IVERSON, MAYNARD J.
AGRICULTURAL PESTICIDES. AN INSTRUCTIONAL UNIT FOR TEACHERS OF ADULT VOCATIONAL EDUCATION IN

AGRICULTURE.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 75   168P.; SEE RELATED DOCUMENTS VT 102 049 THRU 102 056 AND VT 102 058 THRU 102 060 IN THIS ISSUE.

DESCRIPTORS - *PESTICIDES; *ADULT FARMER EDUCATION; *YOUNG FARMER EDUCATION; *CURRICULUM GUIDES; *INSTRUCTIONAL MATERIALS; TEACHING GUIDES; AGRICULTURAL EDUCATION; HERBICIDES; INSECTICIDES; DISEASE CONTROL
IDENTIFIERS - KENTUCKY

ABSTRACT - THE PROPER USE OF AGRICULTURAL PESTICIDES IS THE MAJOR EMPHASIS OF THIS UNIT OF INSTRUCTION DEVELOPED AS A GUIDE FOR USE BY TEACHERS IN PLANNING AND CONDUCTING YOUNG FARMER AND ADULT FARMER CLASSES. SEVEN LESSONS ARE INCLUDED IN THE UNIT COVERING TOPICAL AREAS RELATED TO THE UTILIZATION OF PESTICIDES, HERBICIDES, INSECTICIDES, FUNGICIDES, AND THE DEVELOPMENT OF A COMPREHENSIVE PEST CONTROL PROGRAM. SUGGESTIONS FOR TEACHING THE LESSONS AND SUGGESTED MATERIALS ARE PRESENTED. (VA)

VT 102 058
HOWARD, SHIRLEY R.; IVERSON, MAYNARD J.
HOME BEAUTIFICATION. AN INSTRUCTIONAL UNIT FOR TEACHERS OF ADULT VOCATIONAL EDUCATION IN AGRICULTURE.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 73   305P.; SEE RELATED DOCUMENTS VT 102 049 THRU 102 057 AND VT 102 059 THRU 102 060 IN THIS ISSUE.

DESCRIPTORS - *LANDSCAPING; *INSTRUCTIONAL MATERIALS; *CURRICULUM GUIDES; ADULT FARMER EDUCATION; YOUNG FARMER EDUCATION; FLORICULTURE; PLANT IDENTIFICATION; ORNAMENTAL HORTICULTURE; TEACHING GUIDES

ABSTRACT - TEN LESSON PLANS IN THE BASIC AREA OF HOME BEAUTIFICATION ARE INCLUDED IN THIS GUIDE FOR USE BY TEACHERS IN PLANNING AND CONDUCTING YOUTH OR ADULT FARMER CLASSES. THE MAJOR EMPHASIS OF THIS UNIT IS ON LANDSCAPING. THE DEVELOPMENT OF A LANDSCAPE PLAN, PLANT IDENTIFICATION AND SELECTION, LANDSCAPE CONSTRUCTION AND MAINTENANCE, AND FLOWER AND SPECIALTY GARDENS ARE TOPICS COVERED IN THE LESSONS. SUGGESTIONS FOR TEACHING THE LESSON, ENRICHMENT ACTIVITIES AND TEACHING MATERIALS ARE INCLUDED AT THE END OF EACH LESSON. (VA)

VT 102 059
O'BRYAN, ROBERT C.; IVERSON, MAYNARD J.
TREE-FRUIT PRODUCTION. AN INSTRUCTIONAL UNIT FOR TEACHERS OF ADULT VOCATIONAL EDUCATION IN AGRICULTURE.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 75   124P.; SEE RELATED DOCUMENTS VT 102 049 THRU 102 058 AND VT 102 060 IN THIS ISSUE.

DESCRIPTORS - *ADULT FARMER EDUCATION; *YOUNG FARMER EDUCATION; *TEACHING GUIDES; CURRICULUM GUIDES; TREES; *AGRICULTURAL PRODUCTION

ABSTRACT - DESIGNED AS A GUIDE FOR TEACHERS IN PLANNING AND CONDUCTING YOUNG AND ADULT FARMER CLASSES, THIS UNIT COVERS THE BASIC AREAS OF TREE-FRUIT PRODUCTION. THE FORMAT

OF THE TEN-LESSON UNIT ALLOWS FOR THE UTILIZATION OF THE PROBLEM-SOLVING AND DISCUSSION METHODS OF TEACHING. THE MAJOR OBJECTIVE OF THE UNIT IS TO DEVELOP THE ABILITY TO EFFECTIVELY ESTABLISH AND MANAGE A TREE-FRUIT PRODUCTION ENTERPRISE. THE APPENDIX INCLUDES A TEACHING PLAN FOR THE COURSE, A TOPIC PLANNING FORM, AND A RESOURCE MATERIAL LIST. (NJ)

VT 102 060
VINCENT, GARY; IVERSON, MAYNARD J.
PROFITABLE HOG PRODUCTION. AN INSTRUCTIONAL UNIT FOR TEACHERS OF ADULT VOCATIONAL EDUCATION IN AGRICULTURE.

KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
KENTUCKY STATE DEPT. OF EDUCATION, FRANKFORT. BUREAU OF VOCATIONAL EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - 73 143P.; SEE RELATED DOCUMENTS VT 102 049 THRU 102 059 IN THIS ISSUE.

DESCRIPTORS - *ADULT FARMER EDUCATION; *YOUNG FARMER EDUCATION; *AGRICULTURAL PRODUCTION; *TEACHING GUIDES; *LIVESTOCK

ABSTRACT - DEVELOPED AS A GUIDE FOR TEACHERS IN PLANNING AND CONDUCTING CLASSES IN YOUNG OR ADULT FARMER EDUCATION, THIS TEN-LESSON UNIT COVERS THE BASIC AREAS OF HOG PRODUCTION; SELECTION, BREEDING, FEEDING, MANAGING, AND MARKETING. THE FORMAT USED IS DESIGNED TO ASSIST TEACHERS IN UTILIZING PROBLEM-SOLVING AND THE DISCUSSION METHOD OF TEACHING. THE APPENDIX INCLUDES A TEACHING PLAN FOR THE COURSE, A TOPIC PLANNING FORM, AND A RESOURCE MATERIAL LIST. (NJ)

VT 102 061
THE TRACTOR ELECTRICAL SYSTEM. A TEACHING REFERENCE.

AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.; FARM AND INDUSTRIAL EQUIPMENT INST., CHICAGO, ILL.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - ND 61P.

DESCRIPTORS - *ELECTRICAL SYSTEMS; EQUIPMENT MAINTENANCE; *AGRICULTURAL MACHINERY; AGRICULTURAL MACHINERY OCCUPATIONS; MACHINE REPAIRMEN; *MANUALS; *FARM MECHANICS (OCCUPATION)

ABSTRACT - THE FUNDAMENTAL PRINCIPLES UNDERLYING THE APPLICATION OF ELECTRICITY TO TRACTORS AND FARM EQUIPMENT ARE PRESENTED. AN UNDERSTANDING OF THE MATERIAL IN THIS BASIC MANUAL WILL ENABLE THE SERVICE MAN TO UNDERSTAND BETTER THE SERVICE PROCEDURES COVERED IN SERVICE MANUALS ON ELECTRICAL EQUIPMENT. TOPICS DEALT WITH ARE FUNDAMENTALS OF ELECTRICITY, STORAGE BATTERIES, CIRCUITS, AND COMBINATION MOTOR AND GENERATOR. (NJ)

VT 102 062
TRACTOR TRANSMISSIONS. A TEACHING REFERENCE.

AMERICAN ASSOCIATION FOR AGRICULTURAL ENGINEERING AND VOCATIONAL AGRICULTURE, ATHENS, GA.; FARM AND INDUSTRIAL EQUIPMENT INST., CHICAGO, ILL.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - ND 28P.

DESCRIPTORS - *TRACTORS; *AGRICULTURAL MACHINERY; *POWER MECHANICS; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS MANUAL WAS DEVELOPED AS A REFERENCE FOR TEACHING STUDENTS ABOUT TRANSMISSIONS IN FARM TRACTORS. THE MANUAL IS DIVIDED INTO FIVE SECTIONS: (1) TRANSMISSION HISTORY, (2) GEARS AND BEARINGS IN TRANSMISSION, (3) SLIDING-GEAR TRANSMISSIONS, (4) PLANETARY GEARING, AND (5) GLOSSARY. THE WORKING PRINCIPLES OF THE SLIDING-GEAR TRANSMISSION, THE MOST EXTENSIVELY USED TRANSMISSION IN FARM TRACTORS ARE DESCRIBED IN DETAIL. (VA)

VT 102 063
TRACTOR HYDRAULICS. A TEACHING REFERENCE.

AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.; FARM AND INDUSTRIAL EQUIPMENT INST., CHICAGO, ILL.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 2.
PUB DATE - ND 48P.

DESCRIPTORS - *TRACTORS; AGRICULTURAL MACHINERY; *HYDRAULICS; FLUID POWER EDUCATION; POWER MECHANICS; INSTRUCTIONAL MATERIALS

ABSTRACT - THIS MANUAL WAS DEVELOPED TO HELP PROVIDE A BETTER UNDERSTANDING OF HOW AND WHY HYDRAULIC PRINCIPLES SERVE THE PURPOSES OF WEIGHT REDUCTION, INCREASE OF PHYSICAL EFFORT AND MORE PRECISE CONTROL TO MACHINES OF ALL TYPES. THE FOUR COMPONENTS THAT ARE NECESSARY TO HAVE A WORKABLE HYDRAULIC SYSTEM—A RESERVOIR, A PUMP, A VALVE, AND A MOTOR (CYLINDER) ARE DESCRIBED IN DETAIL. SPECIAL EMPHASIS IS GIVEN TO FARM AND INDUSTRIAL EQUIPMENT APPLICATIONS. (VA)

VT 102 106
BRYANT, J.G., AND OTHERS
FARM TRACTOR TUNE-UP AND SERVICE SPECIFICATIONS.

AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.
DOCUMENT NOT AVAILABLE IN MF OR HC.
AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ENGINEERING CENTER, ATHENS, GA. 30602.
PUB DATE - 72 94P.

DESCRIPTORS - *TRACTORS; *EQUIPMENT MAINTENANCE; *MECHANICS (PROCESS); AGRICULTURAL MACHINERY; TABLES (DATA); INSTRUCTIONAL MATERIALS

ABSTRACT - TUNE-UP AND SERVICE SPECIFICATIONS FOR MAJOR TRACTOR MANUFACTURERS ARE PRESENTED IN THIS HANDBOOK. IN ADDITION, THE FOLLOWING TABLES ARE INCLUDED: (1) SPARK PLUG HEAT-RANGE COMPARISONS, (2) FREEZING PROTECTION, (3) PRESSURES FOR FARM TRACTOR TIRES, (4) USE OF CALCIUM CHLORIDE FOR LIQUID WEIGHTING, (5) COMPARISONS OF AMERICAN PETROLEUM INSTITUTE SERVICE CLASSIFICATIONS OF CRANKCASE OILS, (6) CAMDWELL ANGLE FOR TRACTORS WITH DISTRIBUTOR-IGNITION SYSTEMS, AND (7) TRACTOR PTO HORSEPOWER. (VA)

VT 102 107
TURNER, J. HOWARD; SMITH, GEORGE W.
BUILDING FENCES.

AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.
DOCUMENT NOT AVAILABLE IN MF OR HC.
AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ENGINEERING CENTER, ATHENS, GA. 30602.
PUB DATE - 74 100P.

DESCRIPTORS - *CONSTRUCTION (PROCESS); *MANUALS; INSTRUCTIONAL MATERIALS; *VOCATIONAL EDUCATION; STUDY GUIDES; ADULT FARMER EDUCATION
IDENTIFIERS - *FENCE BUILDING

ABSTRACT - THE OBJECTIVE OF THIS MANUAL IS TO HELP THE STUDENT BECOME PROFICIENT IN THE SKILLS REQUIRED IN THE BUILDING OF FENCES. THE PROCEDURAL STEPS ARE ILLUSTRATED AND THE BOOK IS DEVELOPED INTO A SELF-STUDY UNIT. BY FOLLOWING THE STEPS, THE STUDENT CAN PERFORM THE VARIOUS TASKS WITH A MINIMUM OF ASSISTANCE FROM THE TEACHER. (AUTHOR/NJ)

VT 102 108
FORE, J.M., AND OTHERS
TRACTOR OPERATION AND DAILY CARE.

AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.
DOCUMENT NOT AVAILABLE IN MF OR HC.
AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ENGINEERING CENTER, ATHENS, GA.

30602.
PUB DATE - JUN70 124P.

DESCRIPTORS - AGRICULTURAL EDUCATION; *EQUIPMENT MAINTENANCE; *AGRICULTURAL MACHINERY; *MANUALS; AGRICULTURAL SAFETY; MOTOR VEHICLES; *FARM MECHANICS (OCCUPATION)
IDENTIFIERS - *TRACTORS

ABSTRACT - WRITTEN FOR THE TRACTOR OPERATOR, THIS MANUAL DESCRIBES THE TASKS INVOLVED IN THE PROPER OPERATION AND DAILY MAINTENANCE OF TRACTORS. IT OFFERS EXPLANATIONS FOR THE DESIRABILITY OF THE VARIOUS SERVICING AND ADJUSTMENT OPERATIONS, AS WELL AS GUIDELINES FOR TRACTOR OPERATION AND SAFETY. THE INFORMATION PRESENTED IS DESIGNED TO HELP THE TRACTOR OWNER OR OPERATOR OBTAIN MAXIMUM SERVICE FROM HIS MACHINE FOR THE LEAST COST. (NJ)

VT 102 109
TURNER, J. HOWARD; ANDERSON, CARL L.
PLANNING FOR AN IRRIGATION SYSTEM.

AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ATHENS, GA.
DOCUMENT NOT AVAILABLE IN MF OR HC.
AMERICAN ASSOCIATION FOR VOCATIONAL INSTRUCTIONAL MATERIALS, ENGINEERING CENTER, ATHENS, GA. 30601.
PUB DATE - JUN71 109P.

DESCRIPTORS - VOCATIONAL AGRICULTURE; FARM MANAGEMENT; *FACILITY PLANNING; *AGRICULTURAL PRODUCTION; *COST EFFECTIVENESS; *CONTROLLED ENVIRONMENT; WATER RESOURCES; GUIDES
IDENTIFIERS - IRRIGATION SYSTEMS

ABSTRACT - THIS PUBLICATION PRESENTS INFORMATION TO HELP THE FARMER WHO IS CONSIDERING THE INSTALLATION OF AN IRRIGATION SYSTEM DETERMINE WHETHER OR NOT TO IRRIGATE, THE TYPE OF SYSTEM TO USE, AND THE IRRIGATION COST AND RETURN ON INVESTMENT. INFORMATION IS PRESENTED ON THE INCREASE IN YIELD TO BE EXPECTED, MANAGEMENT PRACTICES THAT WILL MAKE IRRIGATION PROFITABLE, AND A COMPARISON OF THE DIFFERENT TYPES OF SYSTEMS. (NJ)

VT 102 228
VETERINARY SCIENCE TECHNOLOGY. A SUGGESTED TWO-YEAR POST HIGH SCHOOL CURRICULUM.

STATE UNIV. OF NEW YORK, DELHI. AGRICULTURAL AND TECHNICAL COLL.; KENTUCKY UNIV., LEXINGTON. DIV. OF VOCATIONAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
OEC-0-70-4431; OEG-0-72-4683
SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, D.C. 20402
PUB DATE - 75 138P.

DESCRIPTORS - *VETERINARY MEDICINE; *TECHNICAL OCCUPATIONS; *TECHNICAL EDUCATION; POST SECONDARY EDUCATION; *CURRICULUM GUIDES; REFERENCE MATERIALS

ABSTRACT - THIS GUIDE PRESENTS A SUGGESTED CURRICULUM FOR A TRAINING PROGRAM IN VETERINARY SCIENCE TECHNOLOGY, WITH AN OPTION IN MEAT INSPECTION AND REGULATORY TECHNOLOGY. IT IS INTENDED TO AID THE STATES IN PLANNING AND DEVELOPING TWO-YEAR POSTSECONDARY PROGRAMS OR IN EVALUATING EXISTING PROGRAMS. THE GUIDE ALSO INCLUDES SUGGESTED COURSE OUTLINES WITH ACCOMPANYING EXAMPLES OF TEXTS, REFERENCES, AND INSTRUCTIONAL MEDIA; A SEQUENCE OF TECHNICAL EDUCATION PROCEDURES; LABORATORY LAYOUTS WITH EQUIPMENT AND COSTS; A DISCUSSION OF THE LIBRARY AND ITS USE; AND A SELECTED LIST OF SCIENTIFIC, TRADE, AND TECHNICAL SOCIETIES CONCERNED WITH THIS TECHNOLOGY. (AUTHOR/NJ)

VT 102 230
HARRISON, R.W.; AND OTHERS
SUPERVISED OCCUPATIONAL EXPERIENCE RECORD FORMS FOR ORNAMENTAL HORTICULTURE. (REVISED)

PENNSYLVANIA STATE UNIV., UNIVERSITY PARK. DEPT. OF AGRICULTURAL EDUCATION.
PENNSYLVANIA STATE DEPT. OF EDUCATION, HARRISBURG. BUREAU OF VOCATIONAL, TECHNICAL, AND CONTINUING EDUCATION.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
PUB DATE - 74 325P.

DESCRIPTORS - *ORNAMENTAL HORTICULTURE; FLORICULTURE; LANDSCAPING; TURF MANAGEMENT; GREENHOUSES; *HIGH SCHOOL CURRICULUM; NURSERIES (HORTICULTURE); *VOCATIONAL AGRICULTURE; WORK EXPERIENCE; *WORKSHEETS

ABSTRACT - THESE WORKSHEETS HAVE BEEN DEVELOPED FOR USE WITH ANY PRODUCTION OCCUPATIONAL OR WORK EXPERIENCE RECORD BOOK FOR HIGH SCHOOL VOCATIONAL AGRICULTURE PROGRAMS. SEPARATE UNITS HAVE BEEN DEVELOPED FOR EACH OF ELEVEN AREAS IN ORNAMENTAL HORTICULTURE, SO THE STUDENT AND TEACHER CAN SELECT THE APPROPRIATE ONE, OR SEVERAL, FOR THE EXPERIENCES PLANNED BY THE STUDENT. THE AREAS ARE FLOWER SHOP EMPLOYEE, GREENHOUSE CROPS, LANDSCAPE MAINTENANCE AND ESTABLISHMENT, NURSERY PRODUCTION, FIELD GROWN TREES, FIELD GROWN SHRUBS, CONTAINER GROWN PLANTS, AND TURFGRASS MAINTENANCE, ESTABLISHMENT, AND PRODUCTION. WITHIN EACH AREA, THE FIVE FOLLOWING RECORD SHEETS ARE PROVIDED: APPROVED PRACTICES, GOALS, EFFICIENCY FACTORS, COST ACCOUNTING OR EMPLOYMENT ACHIEVEMENT, AND ANALYSIS. (AUTHOR/KJ)

VT 102 231
CRUNKILTON, JOHN R.
TEACHING THE DISADVANTAGED. A CURRICULUM GUIDE FOR CLASSES OF DISADVANTAGED STUDENTS IN AGRICULTURAL EDUCATION PROGRAMS.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. AGRICULTURAL EDUCATION SERVICE.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
PUB DATE - MAR75 38P.

DESCRIPTORS - *DISADVANTAGED YOUTH; *CURRICULUM GUIDES; *AGRICULTURAL EDUCATION; *TRADE AND INDUSTRIAL EDUCATION

ABSTRACT - THIS GUIDE WAS DEVELOPED TO ASSIST TEACHERS IN CONDUCTING EDUCATIONAL PROGRAMS FOR THE DISADVANTAGED. ALTHOUGH SPECIFIC OBJECTIVES SHOULD BE DETERMINED BY THE INDIVIDUAL TEACHER, THIS PROGRAM IS DESIGNED TO HELP THE STUDENT UNDERSTAND HIMSELF, ADAPT TO FAMILY, SCHOOL, AND COMMUNITY LIFE, DEVELOP SKILLS AND WORK ATTITUDES, AND BECOME AWARE OF EMPLOYMENT OPPORTUNITIES IN AGRICULTURE AND INDUSTRY. THE GUIDE IS DIVIDED INTO ENTERPRISES, UNITS, AND PROBLEM AREAS. INSTRUCTIONAL AREAS PRESENTED ARE NOT INTENDED TO BE TAUGHT WITHIN ONE SCHOOL YEAR. AGRICULTURAL, VOCATIONAL, AND INDUSTRIAL EDUCATION ENTERPRISES INCLUDE SUCH OCCUPATIONS AS FORESTRY, OFF-FARM AGRICULTURE, METAL WORKING, ORNAMENTAL HORTICULTURE, WOODWORKING, PLUMBING, MASONRY, ELECTRICITY, AND AGRICULTURE. (KJ)

VT 102 232
LEE, JASPER S.
THE IMPORTANCE OF WORK: EXPLORING AGRICULTURAL CAREERS.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. AGRICULTURAL EDUCATION SERVICE.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
PUB-AB-4
PUB DATE - 75 24P.; RELATED DOCUMENT VT 102 233 IN THIS ISSUE.

DESCRIPTORS - *SECONDARY SCHOOL STUDENTS; *CLASSROOM MATERIALS; *CAREER PLANNING; *AGRICULTURAL OCCUPATIONS

IDENTIFIERS - CAREER EXPLORATION; WORLD OF WORK; WORK ETHIC

ABSTRACT - THIS PUBLICATION IS DESIGNED FOR USE IN TEACHING STUDENTS ABOUT CAREERS AND THE IMPORTANCE OF WORK. IT HAS BEEN WRITTEN FOR STUDENTS WITH AT LEAST A SEVENTH GRADE READING ABILITY AND MAY BE USED BY THE STUDENT OR AS A RESOURCE AID BY THE INSTRUCTOR. THE SUBJECT MATTER IS OF AN INTRODUCTORY NATURE AND DEALS WITH INITIAL QUESTIONS STUDENTS MAY HAVE ABOUT THE WORK EXPERIENCE. TOPICS INCLUDED ARE: THE WORLD OF WORK AND AGRICULTURAL WORK, DISTINCTION BETWEEN CAREERS, OCCUPATIONS, AND JOBS, REASONS FOR WORKING, LEVEL OF LIVING RELATED TO WORK, WORK ATTITUDES, REASONS WHY YOUTH SHOULD STUDY ABOUT WORK, THE NECESSITY OF PLANNING A CAREER, AND AN EXPLANATION OF CAREER EDUCATION. A LIST OF POSSIBLE DISCUSSION QUESTIONS, ACTIVITIES, AND REFERENCES CONCERNING AGRICULTURAL CAREERS IS INCLUDED. (KJ)

VT 102 233
LEE, JASPER S.
THE PRESENT WORLD OF WORK: EXPLORING AGRICULTURAL CAREERS.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. AGRICULTURAL EDUCATION SERVICE.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
PUB-AG-5
PUB DATE - 75 40P.; RELATED DOCUMENT VT 102 232 IN THIS ISSUE.

DESCRIPTORS - *HIGH SCHOOL STUDENTS; VOCATIONAL AGRICULTURE; *CLASSROOM MATERIALS; WORK ENVIRONMENT; WORKING HOURS; LABOR UNIONS; *LABOR LEGISLATION; OCCUPATIONAL INFORMATION; *EMPLOYMENT PRACTICES; EMPLOYMENT TRENDS; *AGRICULTURAL OCCUPATIONS; AGRIBUSINESS
IDENTIFIERS - CAREER EXPLORATION; WORLD OF WORK

ABSTRACT - THIS PUBLICATION IS DESIGNED FOR USE IN TEACHING STUDENTS ABOUT CAREERS AND THE IMPORTANCE OF WORK. IT IS THE SECOND IN A SERIES AND MAY BE USED IN CONJUNCTION WITH THE PRECEDING DOCUMENT, "EXPLORING AGRICULTURAL CAREERS: THE IMPORTANCE OF WORK" (VT 102 232 IN THIS ISSUE), OR SINGLY. THE OCCUPATIONAL INFORMATION IS DIRECTED TOWARD HIGH SCHOOL STUDENTS ENROLLED IN AGRICULTURAL CLASSES AND MAY BE USED IN THE CLASSROOM OR AS A RESOURCE AID BY THE INSTRUCTOR. THE SUBJECT MATTER COVERS THE DEVELOPMENT AND STRUCTURE OF WORK AND DEALS WITH QUESTIONS APPLICABLE TO THE PRESENT SYSTEM OF EMPLOYMENT. TOPICS INCLUDED ARE: THE NATURE OF WORK AND ITS CHANGES, WHERE PEOPLE WORK, HOW WORK IS ORGANIZED, TRENDS IN WORKING CONDITIONS, ROLE OF LABOR UNIONS, SALARIES AND BENEFITS, EMPLOYMENT LEGISLATION, AREAS OF GREATEST OPPORTUNITY, AND THE POSSIBILITY OF OWNING A BUSINESS. A LIST OF POSSIBLE DISCUSSION QUESTIONS, ACTIVITIES, AND REFERENCES IS INCLUDED. (KJ)

VT 102 234
LEE, JASPER S., COMP.
FOOD PRESERVATION MANUAL. A GUIDE FOR SCHOOL-COMMUNITY CANNERIES IN VIRGINIA.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. AGRICULTURAL EDUCATION SERVICE.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
PUB DATE - 75 118P.

DESCRIPTORS - *FOOD PROCESSING OCCUPATIONS; *NUTRITION INSTRUCTION; *INSTRUCTIONAL MATERIALS; VOCATIONAL AGRICULTURE TEACHERS; *PRESERVATION; FOOD; SCHOOL COMMUNITY COOPERATION
IDENTIFIERS - VIRGINIA; *CANNING

ABSTRACT - THIS GUIDE DETAILS THE OPERATIONS FOR THE PROPER

PROCESSING OF FOOD IN SCHOOL-COMMUNITY CANNERIES IN VIRGINIA. BECAUSE DAY-TO-DAY OPERATION OF THE CANNERIES IS OFTEN UNDER THE DIRECTION OF A LAY INSTRUCTOR AND ASSISTANTS, THE TERMINOLOGY HAS BEEN SIMPLIFIED TO REQUIRE ONLY A MINIMUM OF FORMAL INSTRUCTION IN FOOD SCIENCE. THE THREE SECTIONS OF THE GUIDE PRESENT A SUMMARY OF FUNDAMENTAL CONSIDERATIONS IN FOOD PRESERVATION AND CANNERY OPERATION, DETAILED PROCEDURES FOR CANNING SPECIFIC FOOD PRODUCTS, AND A VARIETY OF LESSON PLANS AND INSTRUCTIONAL MATERIALS FOR USE BY THE INSTRUCTOR IN TEACHING NUTRITION AND FOOD PRESERVATION. AN AVAILABILITY SOURCE LIST OF FOOD PRESERVATION INSTRUCTIONAL MATERIALS IS APPENDED. (AUTHOR/KJ)

VT 102 235
POWELL, LARRY E.
PAINTS AND PRESERVATIVES. CURRICULUM MATERIALS FOR AGRICULTURE EDUCATION.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION. VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. AGRICULTURAL EDUCATION SERVICE.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
PUB DATE - 75 79P.

DESCRIPTORS - *CURRICULUM GUIDES; INSTRUCTIONAL MATERIALS; *AGRICULTURAL ENGINEERING; *VOCATIONAL AGRICULTURE; EQUIPMENT UTILIZATION; JOB SKILLS; *PAINTING; PRESERVATION; BUILDING TRADES

ABSTRACT - THIS CURRICULUM MATERIAL, FOR USE BY VOCATIONAL AGRICULTURE TEACHERS, PRESENTS TEACHING OUTLINES ON PROBLEM AREAS CONCERNING PAINTS AND PRESERVATIVES. TEACHER AND STUDENT OBJECTIVES AND ACTIVITIES ARE SET FORTH WITH AN OVERALL EVALUATION FORM TO GUAGE STUDENT PROGRESS. TECHNICAL INFORMATION IS PROVIDED AS AN AID TO THE INSTRUCTOR AND A LIST OF REFERENCES AND GLOSSARY OF TERMS FOR TEACHER AND STUDENT USE IS INCLUDED. FOURTEEN PAGES OF TRANSPARENCY MASTERS ARE PROVIDED TO ASSIST WITH THE INSTRUCTION OF OPERATING AND USING POWER SPRAY PAINTING EQUIPMENT. (AUTHOR/KJ)

VT 102 236
BURHOE, STEVEN A.
HOUSEHOLD PETS: CARE, FEEDING AND OCCUPATIONAL OPPURTUNITIES. CURRICULUM MATERIALS FOR AGRICULTURAL EDUCATION.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION. VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. AGRICULTURAL EDUCATION SERVICE.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
PUB DATE - 75 68P.

DESCRIPTORS - *CURRICULUM GUIDES; *ANIMAL SCIENCE; *VOCATIONAL AGRICULTURE; JOB SKILLS; *ANIMAL CARETAKERS; EMPLOYMENT QUALIFICATIONS; INSTRUCTIONAL MATERIALS; OCCUPATIONAL INFORMATION; EMPLOYMENT OPPORTUNITIES; *VETERINARY ASSISTANTS

ABSTRACT - THIS CURRICULUM MATERIAL, FOR USE BY VOCATIONAL AGRICULTURE TEACHERS, PRESENTS A TEACHING OUTLINE FOR OCCUPATIONS IN THE CARE AND FEEDING OF HOUSEHOLD PETS, PRIMARILY DOGS AND CATS. THE MATERIAL IS DIVIDED INTO PROBLEM AREAS, AND SECTIONS ON UNDERSTANDING PET CARE, INFORMATION SOURCES ON OTHER SMALL HOUSEHOLD PETS, AND OCCUPATIONAL OPPORTUNITIES ARE INCLUDED. TEACHER AND STUDENT OBJECTIVES AND A LIST OF REFERENCES ARE PROVIDED FOR EACH PROBLEM AREA. A CONTENT SUMMARY, FOR INSTRUCTOR USE ONLY, LISTS THE MATERIALS IN THE REFERENCES AND RELATES THEM TO THE SECTION ON STUDENT PROBLEMS AND CONCERNS. NEITHER THE CONTENT SUMMARY NOR THE PROBLEMS AND CONCERNS SECTION IS COMPREHENSIVE AND MAY BE EXPANDED BY TEACHER AND STUDENTS. SUGGESTIONS FOR USE AND TYPE OF VISUAL AIDS AND EQUIPMENT AND

SPECIAL EVENTS AND ACTIVITIES ARE PROVIDED AS WELL AS POSSIBLE OCCUPATIONAL EXPERIENCE ACTIVITIES AND TESTING. (AUTHOR/KJ)

VT 102 237
HEALTH OCCUPATIONS EDUCATION. SUGGESTED CURRICULUM GUIDE FOR NURSING ASSISTANT.

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DIV. OF VOCATIONAL-TECHNICAL EDUCATION.
OFFICE OF EDUCATION (DHEW), WASHINGTON, D.C.; VIRGINIA STATE DEPT. OF EDUCATION, RICHMOND. TRADE AND INDUSTRIAL EDUCATION SERVICE.
MF AND HC AVAILABILITY WILL BE ANNOUNCED IN VOL. 9, NO. 3.
OEG-3-74-0120
CG-3
PUB DATE - JUN75 119P.; RELATED DOCUMENT VT 102 238 IN THIS ISSUE.

DESCRIPTORS - *STATE CURRICULUM GUIDES; TEACHER DEVELOPED MATERIALS; *CLINICAL EXPERIENCE; SECONDARY SCHOOLS; *LESSON PLANS; *NURSES AIDES; *INSTRUCTIONAL MATERIALS; JOB SKILLS; HEALTH OCCUPATIONS EDUCATION
IDENTIFIERS - VIRGINIA

ABSTRACT - THIS CURRICULUM GUIDE WAS DEVELOPED TO SERVE AS A STATEWIDE MODEL FOR NURSING ASSISTANT PROGRAMS IN VIRGINIA. IT IS DESIGNED FOR 270 HOURS OF THEORY AND 200 HOURS OF CLINICAL INSTRUCTION. THE MATERIAL WAS DEVELOPED BY A GROUP OF VIRGINIA HEALTH ASSISTANT AND PRACTICAL NURSING INSTRUCTORS IN A SPECIAL CURRICULUM WORKSHOP FOR USE IN SECONDARY PUBLIC SCHOOLS. THE SUBJECT MATTER INCLUDES ORIENTATION, HUMAN BEHAVIOR, MEDICAL COMMUNICATION SKILLS, ASEPSIS, NUTRITION, SAFETY, BODY SYSTEMS AND DISORDERS, BASIC SKILLS, ADMISSION, TRANSFER, DISCHARGE, DEATH, AND MATERNAL AND INFANT CARE. EACH UNIT OF STUDY INCLUDES EXPECTED BEHAVIORAL OUTCOMES, SUBJECT CONTENT, SUGGESTED ACTIVITIES, AND EVALUATION/ASSIGNMENT. EVALUATION MATERIALS ARE PROVIDED IN A RELATED DOCUMENT, VT 102 238 IN THIS ISSUE, AND MAY BE USED TO COMPLEMENT THIS CURRICULUM GUIDE. SAMPLE LESSON PLANS ARE PROVIDED AND SHOULD BE DEVELOPED AND IMPLEMENTED TO PREPARE THE STUDENT FOR THE TECHNICAL AND PERSONAL CARE OF PATIENTS UNDER THE DIRECTION OF LICENSED HEALTH WORKERS. REFERENCES INCLUDE AVAILABILITY LISTINGS OF PUBLICATIONS, FILMSTRIPS, FILMS, TRANSPARENCIES, GROOMING KITS, POSTERS, AND PAMPHLETS. (KJ)

SUBJECT INDEX

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